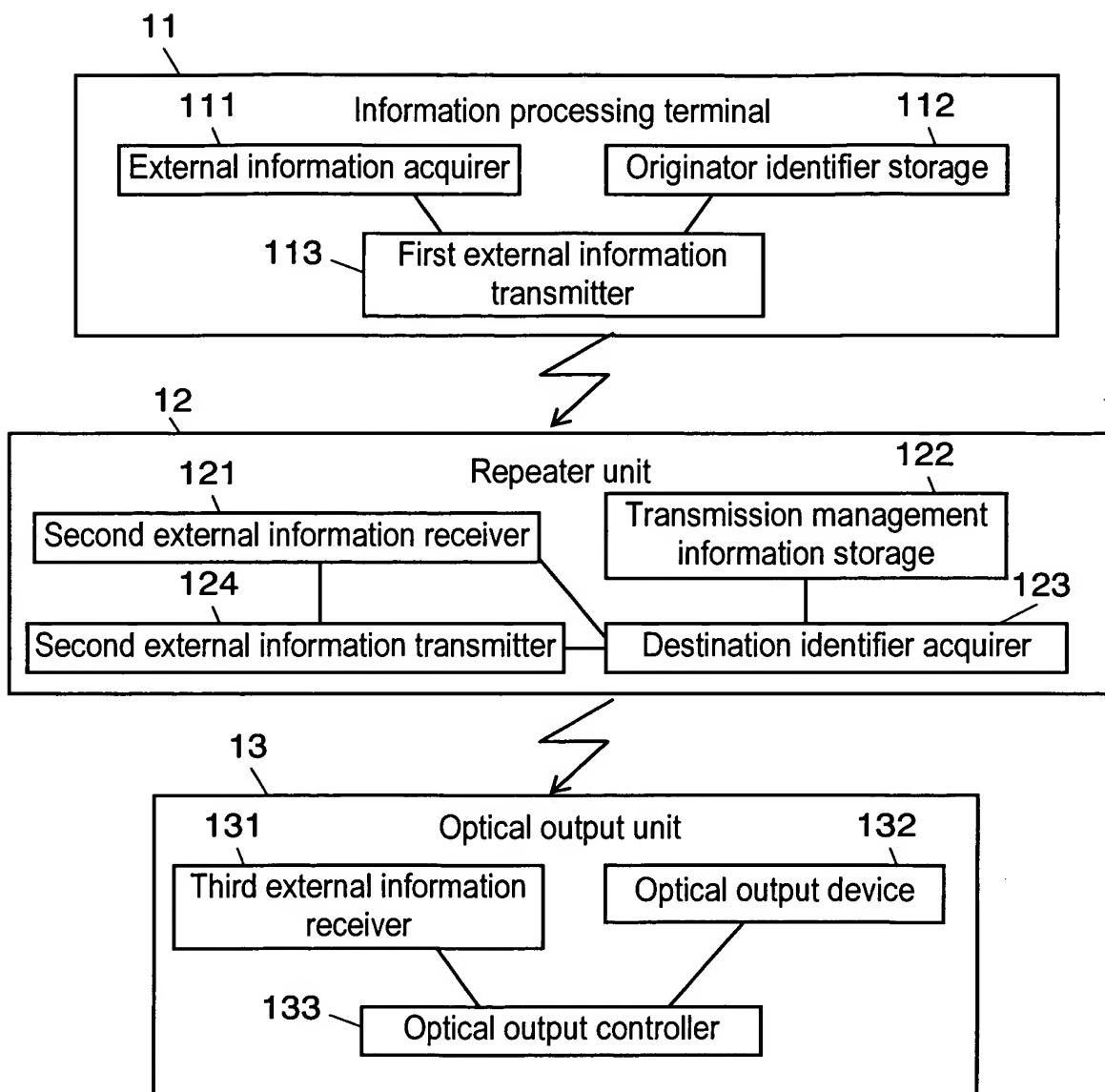


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FIG. 1



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FIG. 2

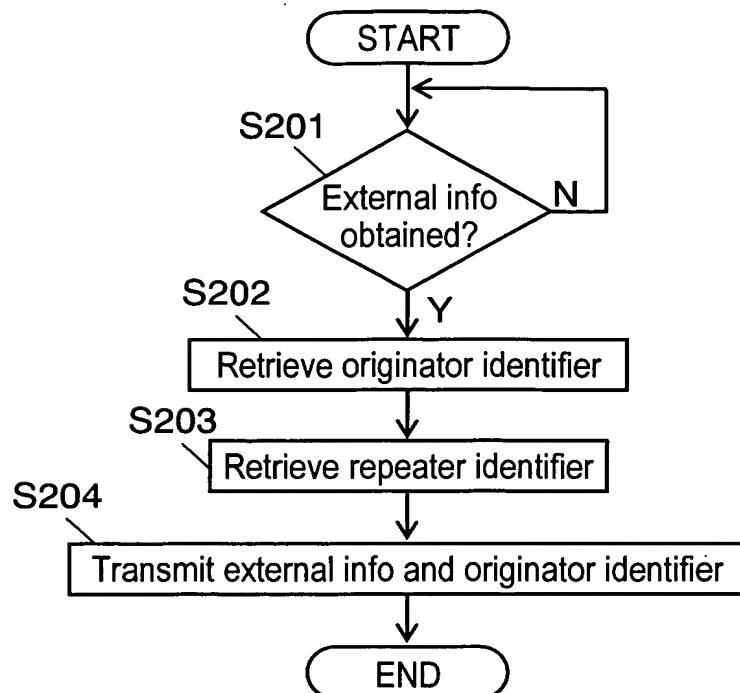
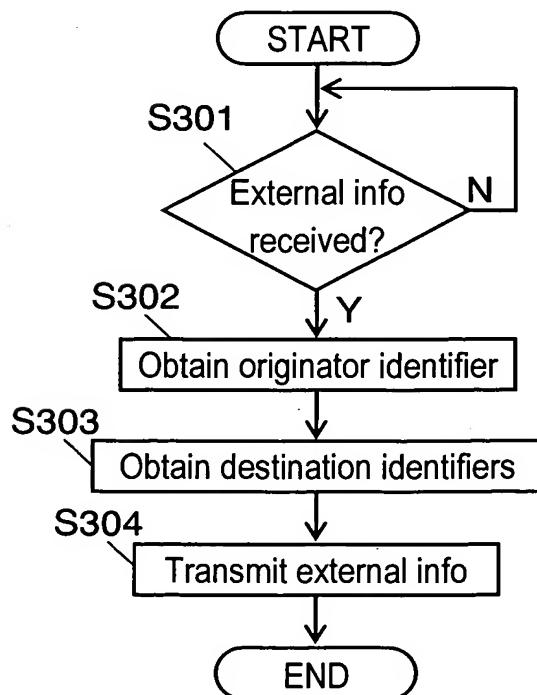


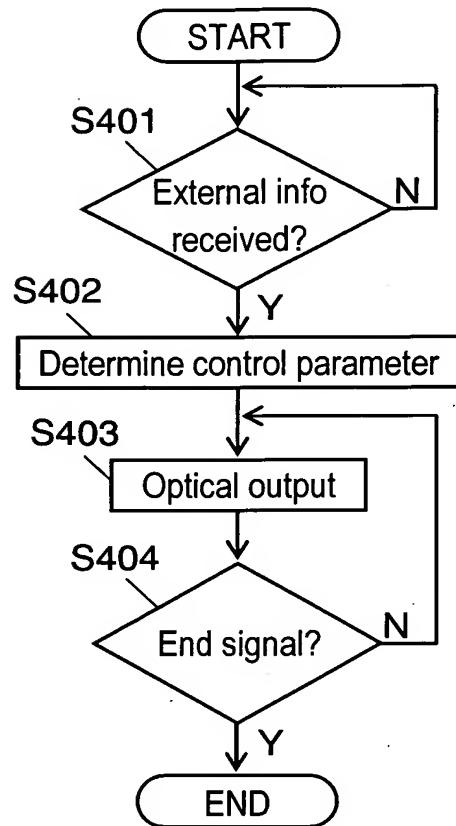
FIG. 3



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FIG. 4



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FIG. 5

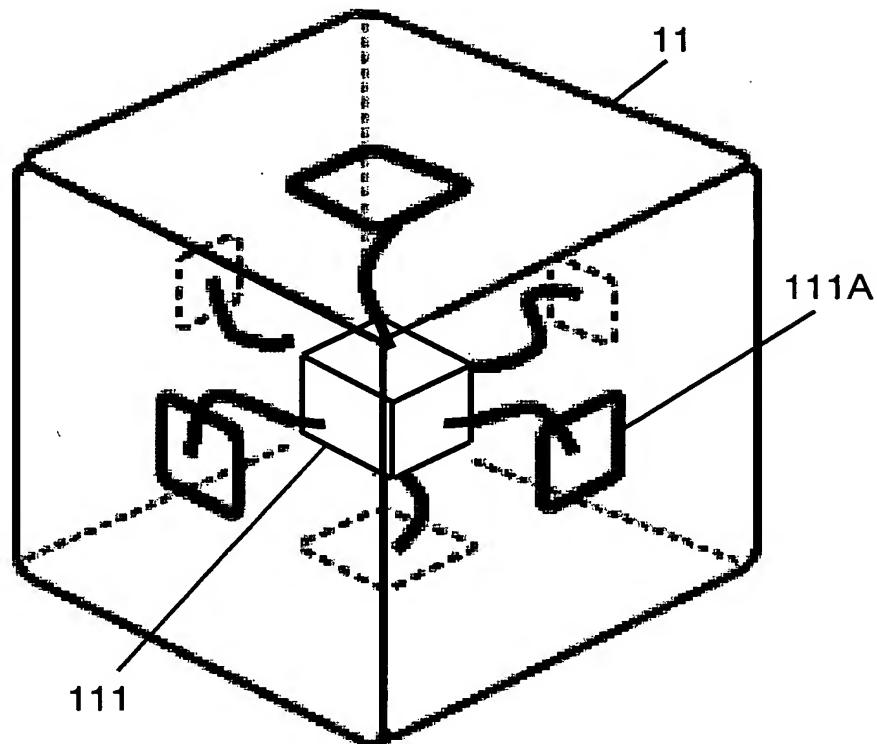
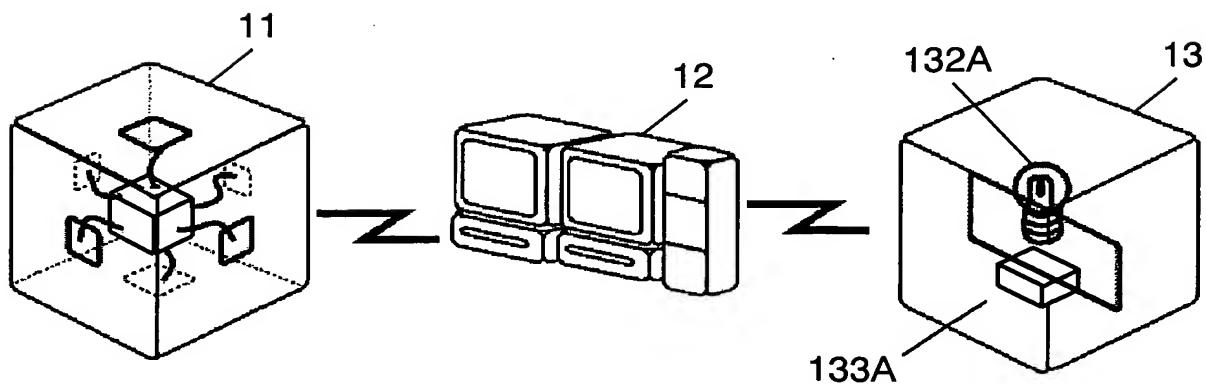


FIG. 6



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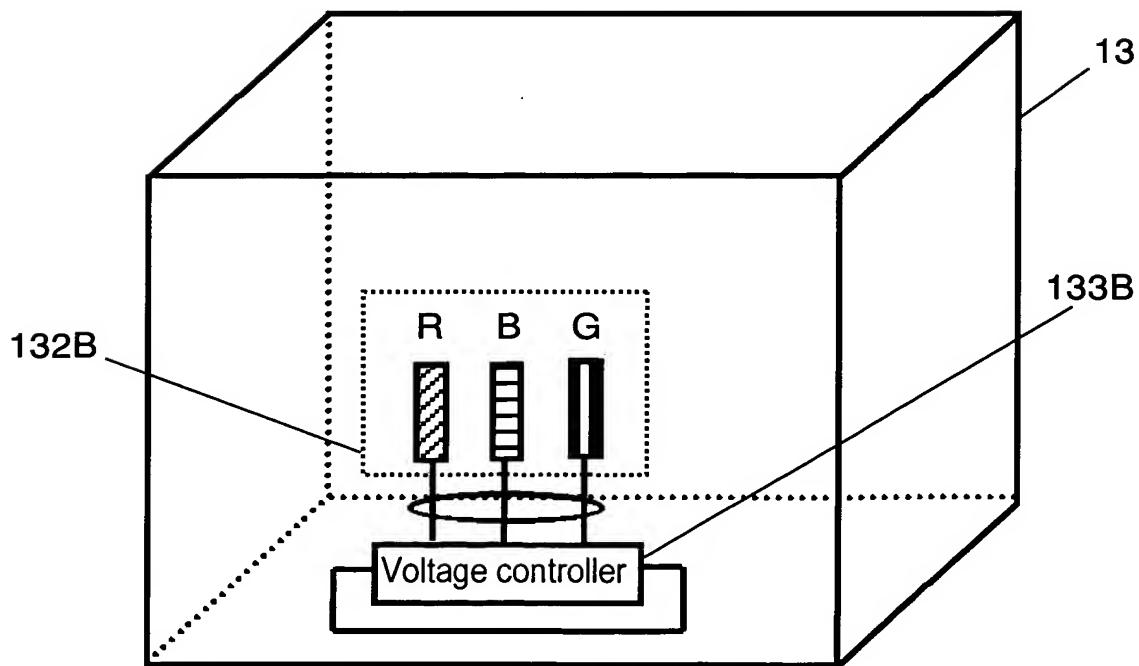
FIG. 7

Obtained External Information	External Information to be Transmitted
(10,20,10,10,10,0)	10

FIG. 8

Received External Information	Voltage
20 or less	Value of received external information
Larger than 20	20

FIG. 9



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FIG. 10

Received External Information	Blinking Mode
0	ON _____ OFF _____
1	ON _____ OFF 9 1 9 1 9 1
2	ON _____ OFF 8 2 8 2 8 2
3	ON _____ OFF 7 3 7 3 7 3
⋮	⋮
9	ON 9 1 9 1 9 1 OFF _____
10 or larger	ON _____ OFF _____

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FIG. 11

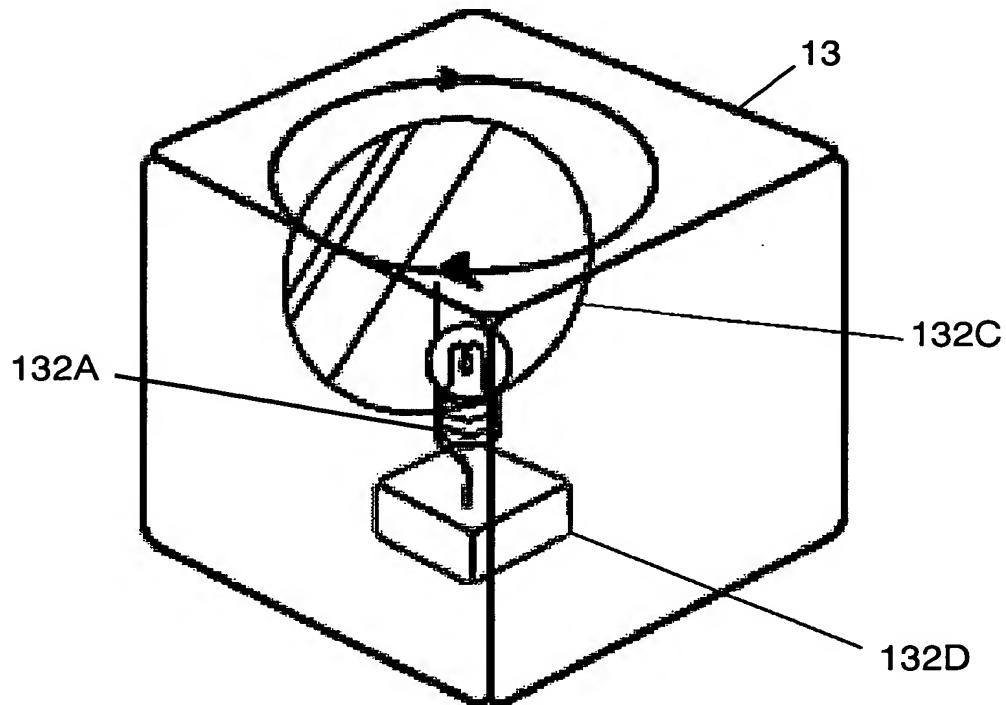
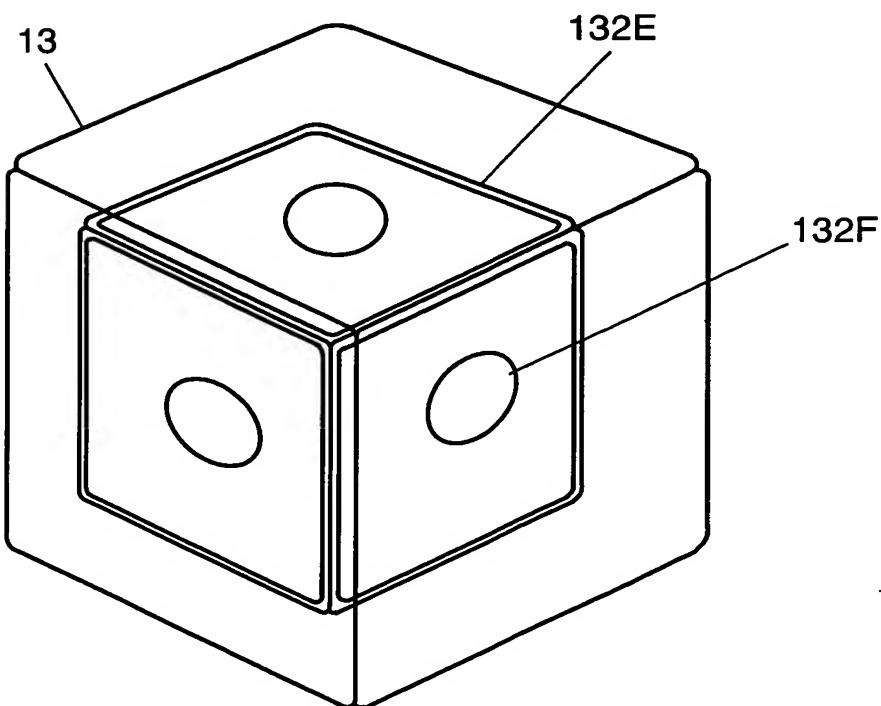


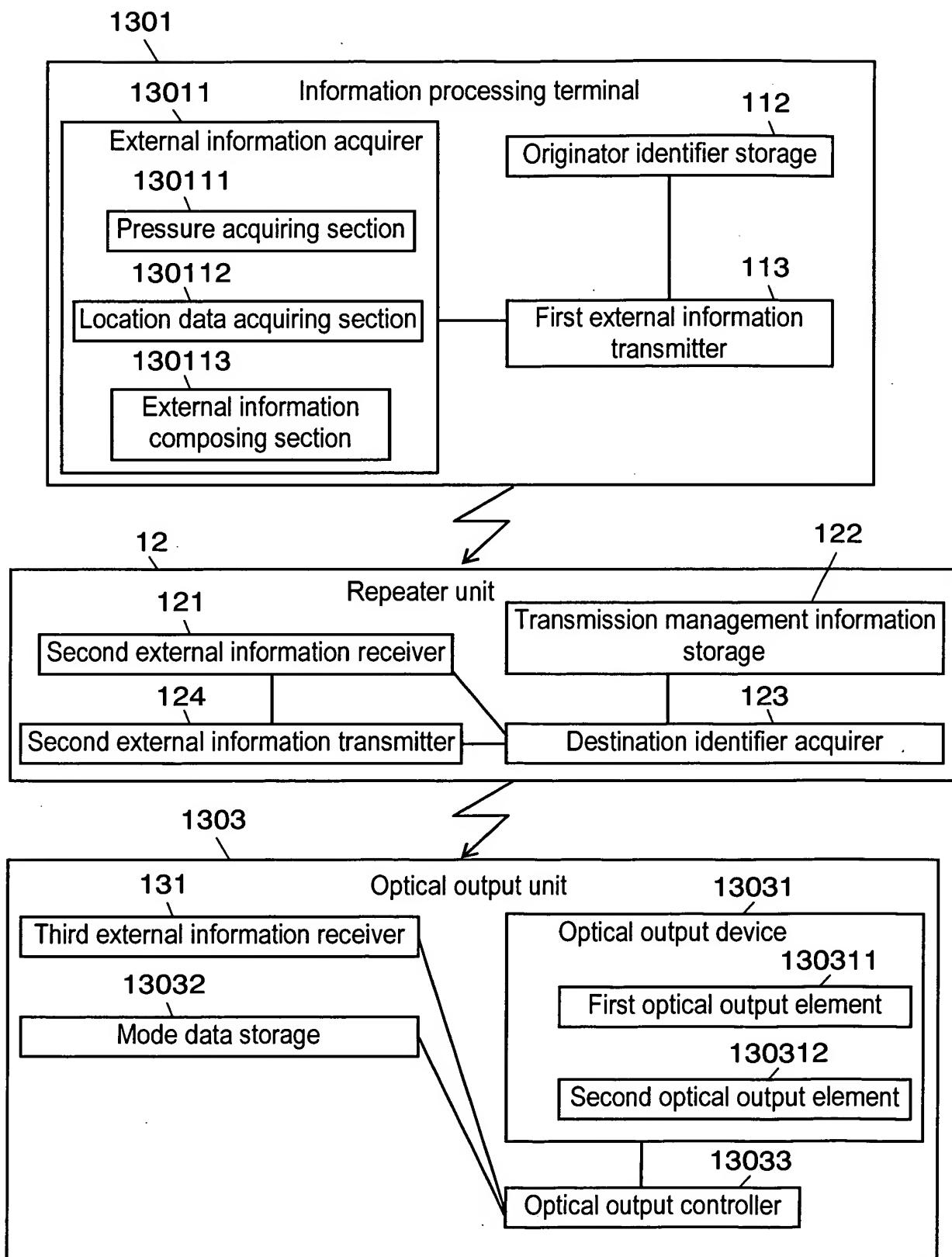
FIG. 12



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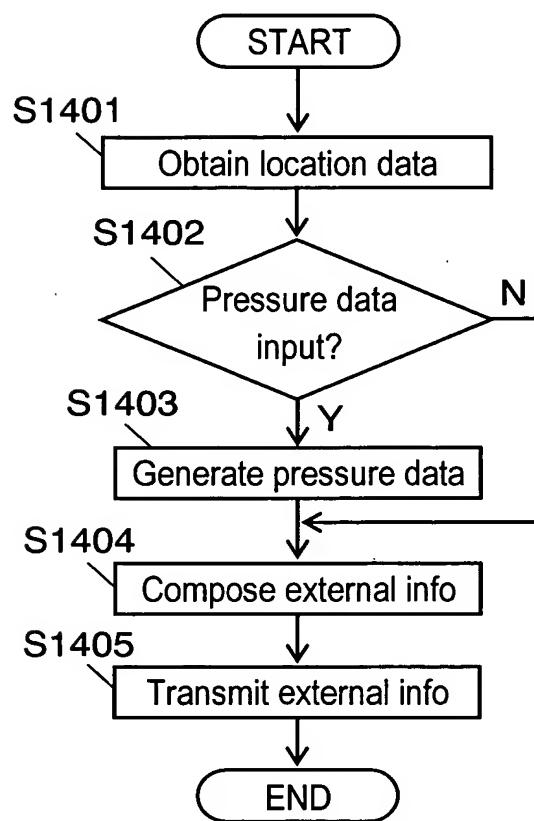
FIG. 13



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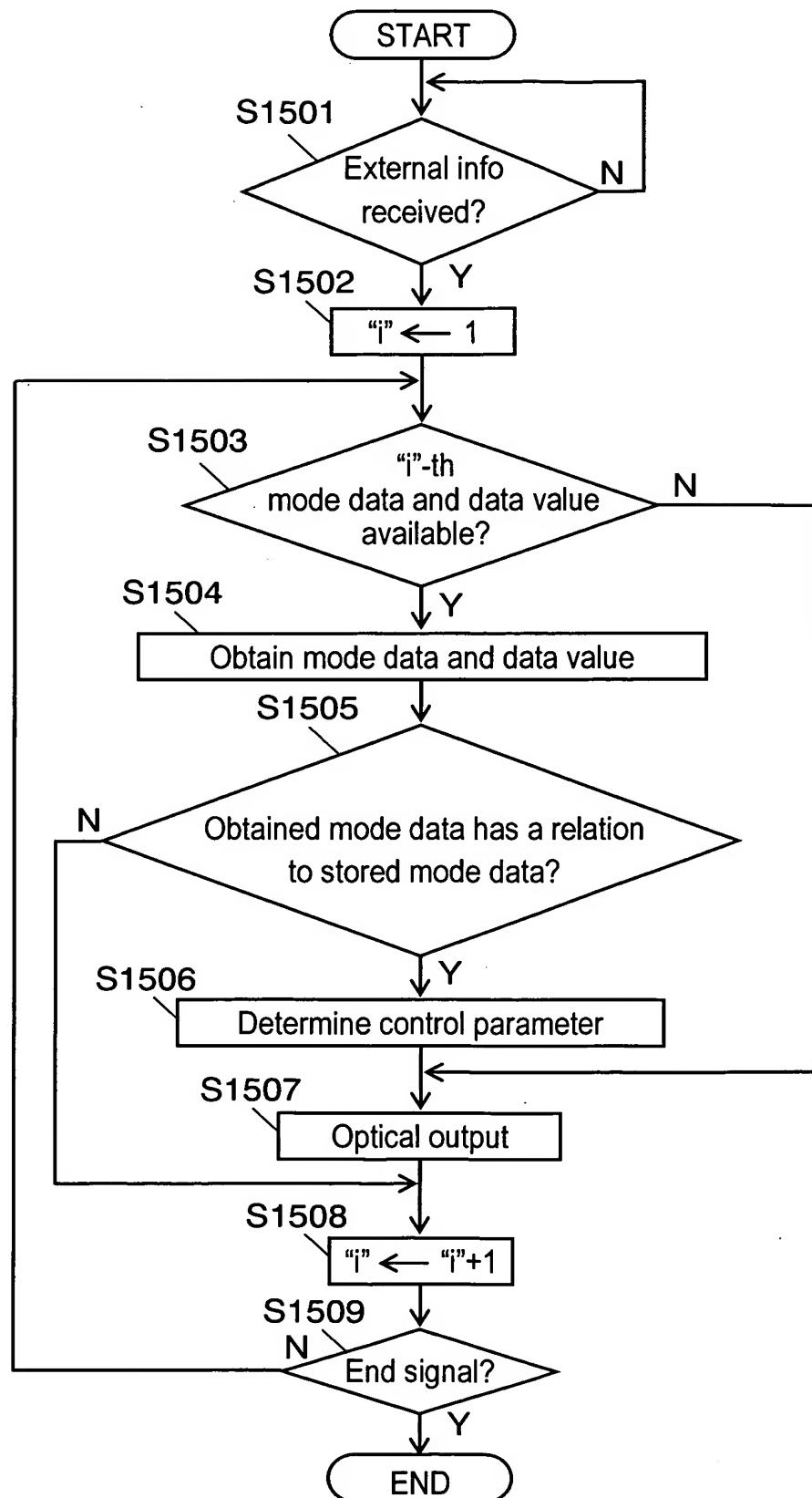
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FIG. 14



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FIG. 15



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FIG. 16

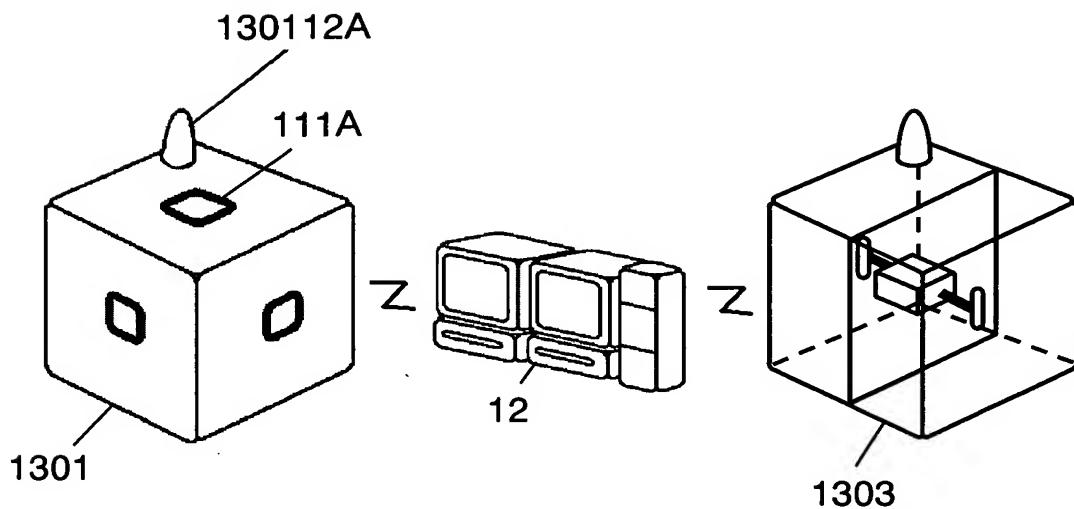


FIG. 17

Data of sensor 1	Data of sensor 2	Data of sensor 6
------------------	------------------	-------	------------------

FIG. 18

0	0	20	5	5	20
---	---	----	---	---	----

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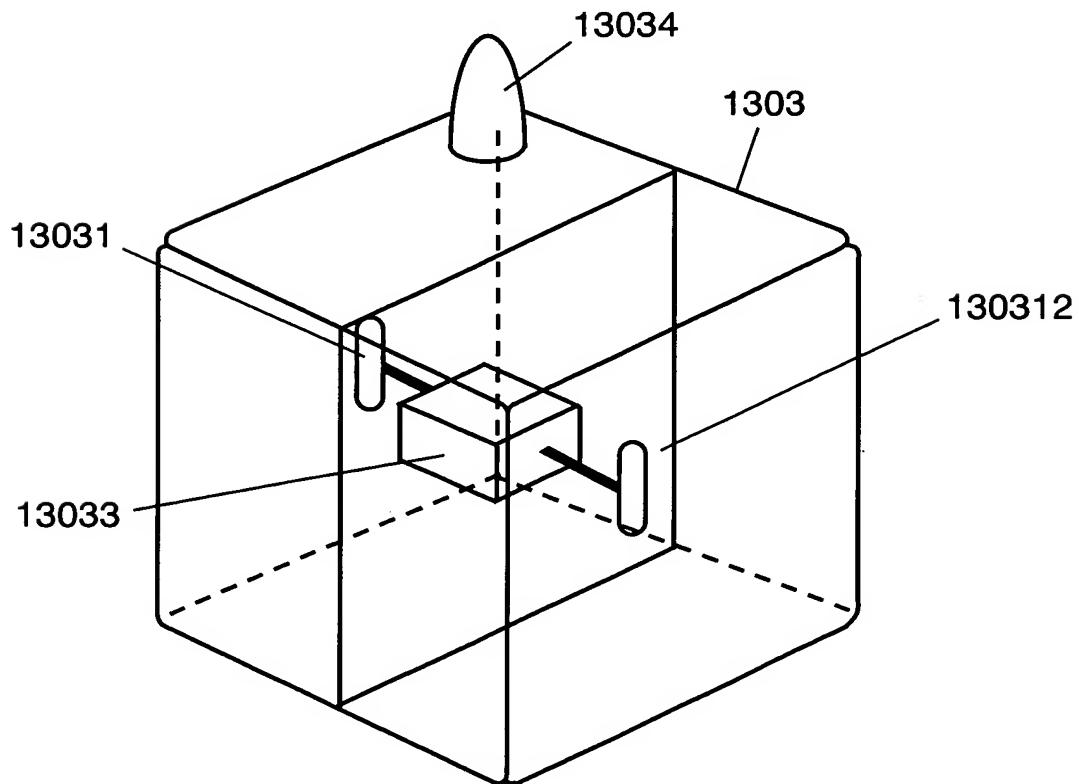
FIG. 19

X (Latitude)	Y (Longitude)	Z (Altitude)
136	110	5

FIG. 20

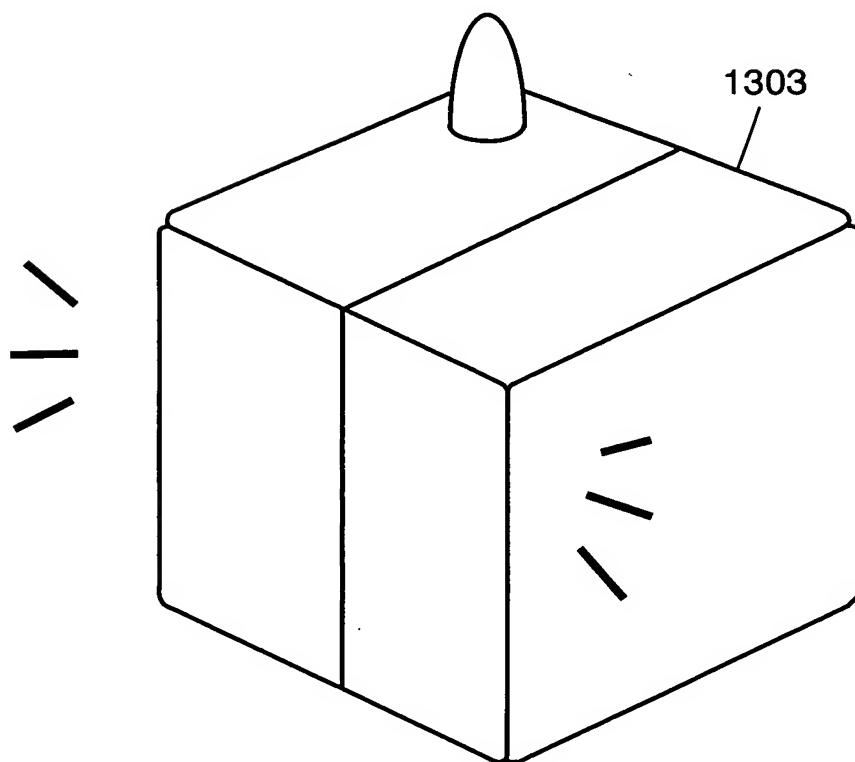
Mode data	ID	Data value
Location data	2	(136,110,5)
Pressure data	1	12.5

FIG. 21



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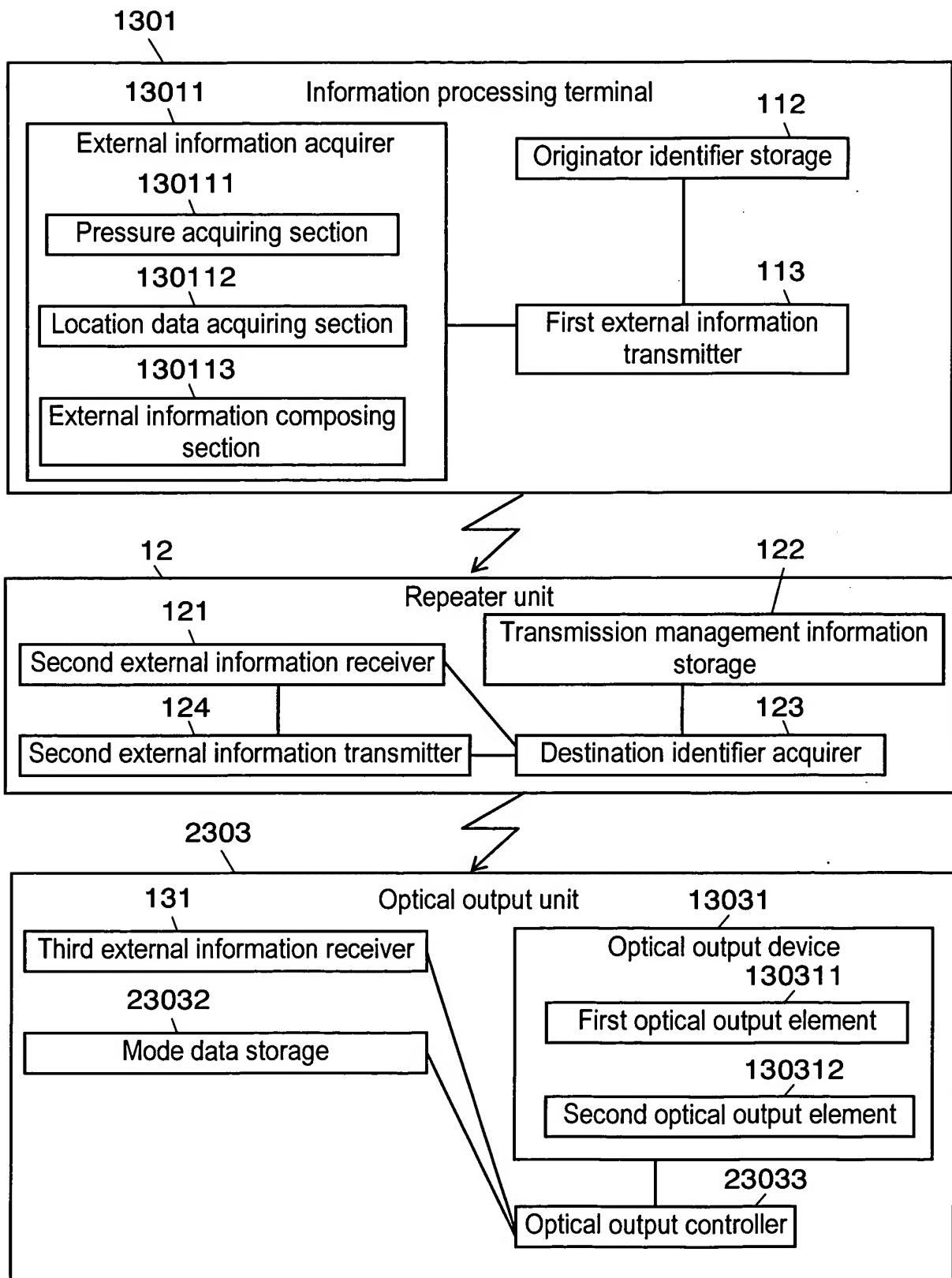
FIG. 22



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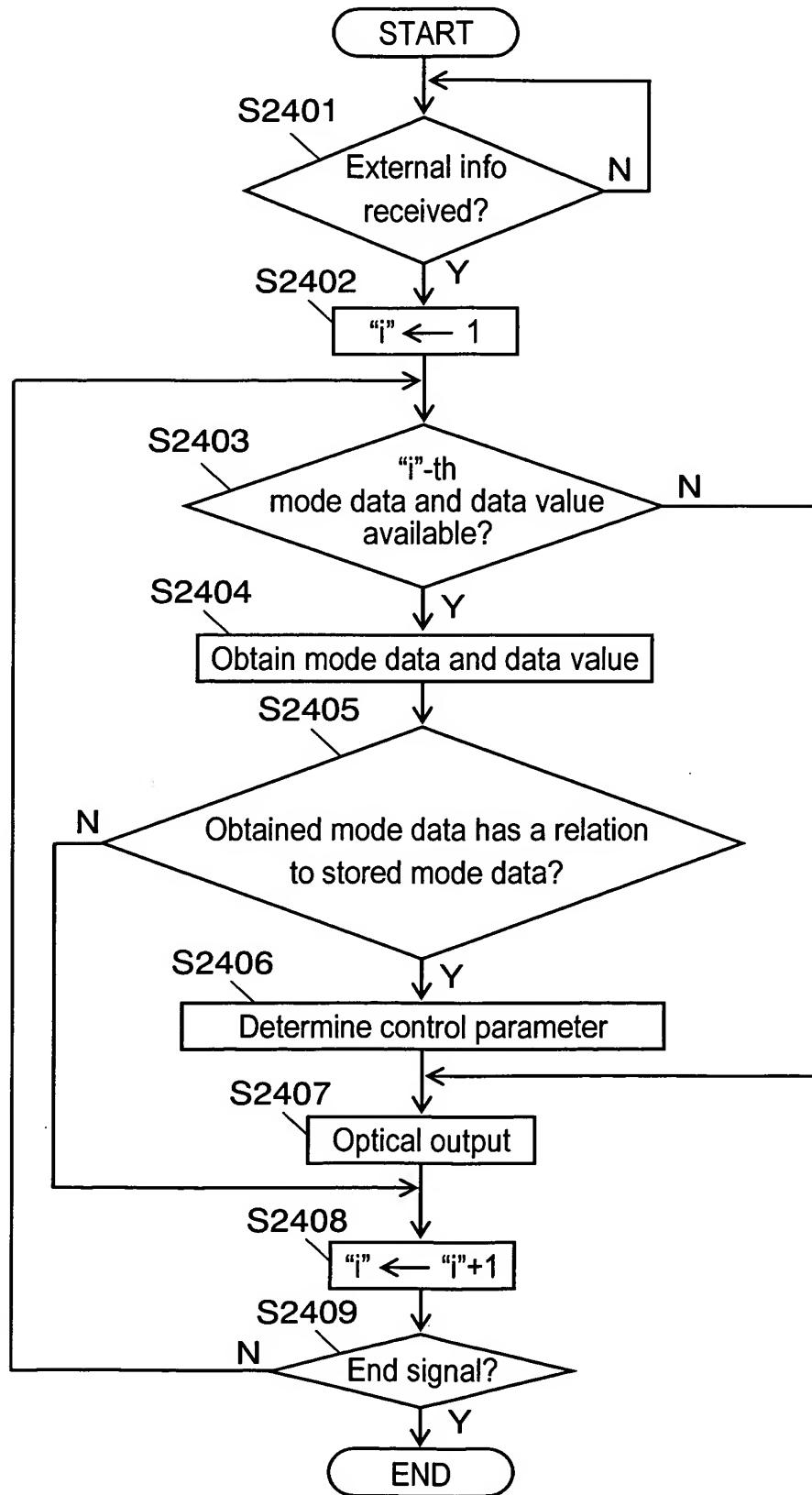
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FIG. 23



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FIG. 24



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FIG. 25

Optical output element identifier	Mode data	Optical output method identifier
First optical output element	Pressure data	Blinking
Second optical output element	Location data	Turning

FIG. 26

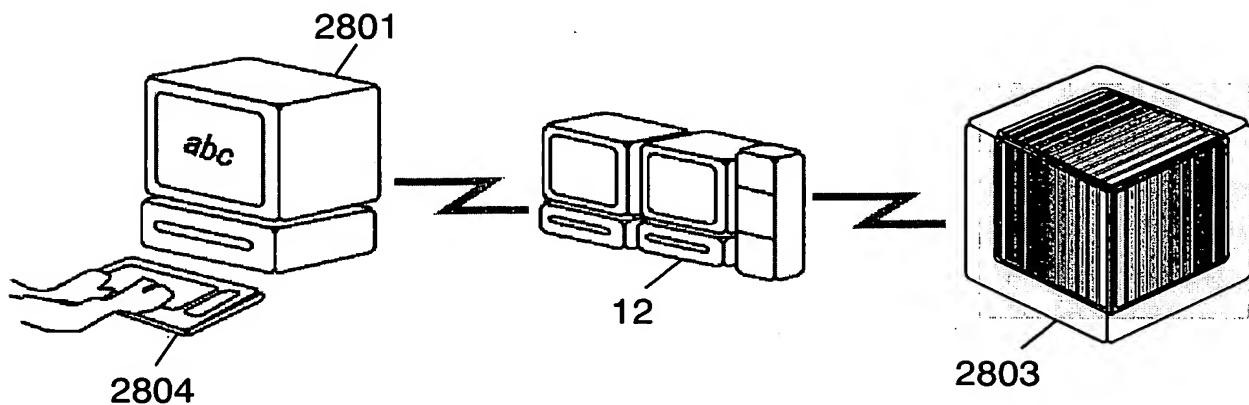
Optical output method identifier
Intensity of light
Color of light
Blinking of light
Turning of light
Dimension of light

FIG. 27

Mode data and optical output method identifier setting panel		
Select desired mode data and/or optical output method identifier		
Optical output element	Mode data	Optical output method identifier
1sr optical output element	Pressure data	Blinking of light
2nd optical output element	Location data	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <input type="button" value="Menu"/> <input type="button" value="Intensity of light"/> <input type="button" value="Color of light"/> <input type="button" value="Blinking of light"/> <input type="button" value="Turning of light"/> <input type="button" value="Dimension of light"/> </div>

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FIG. 28

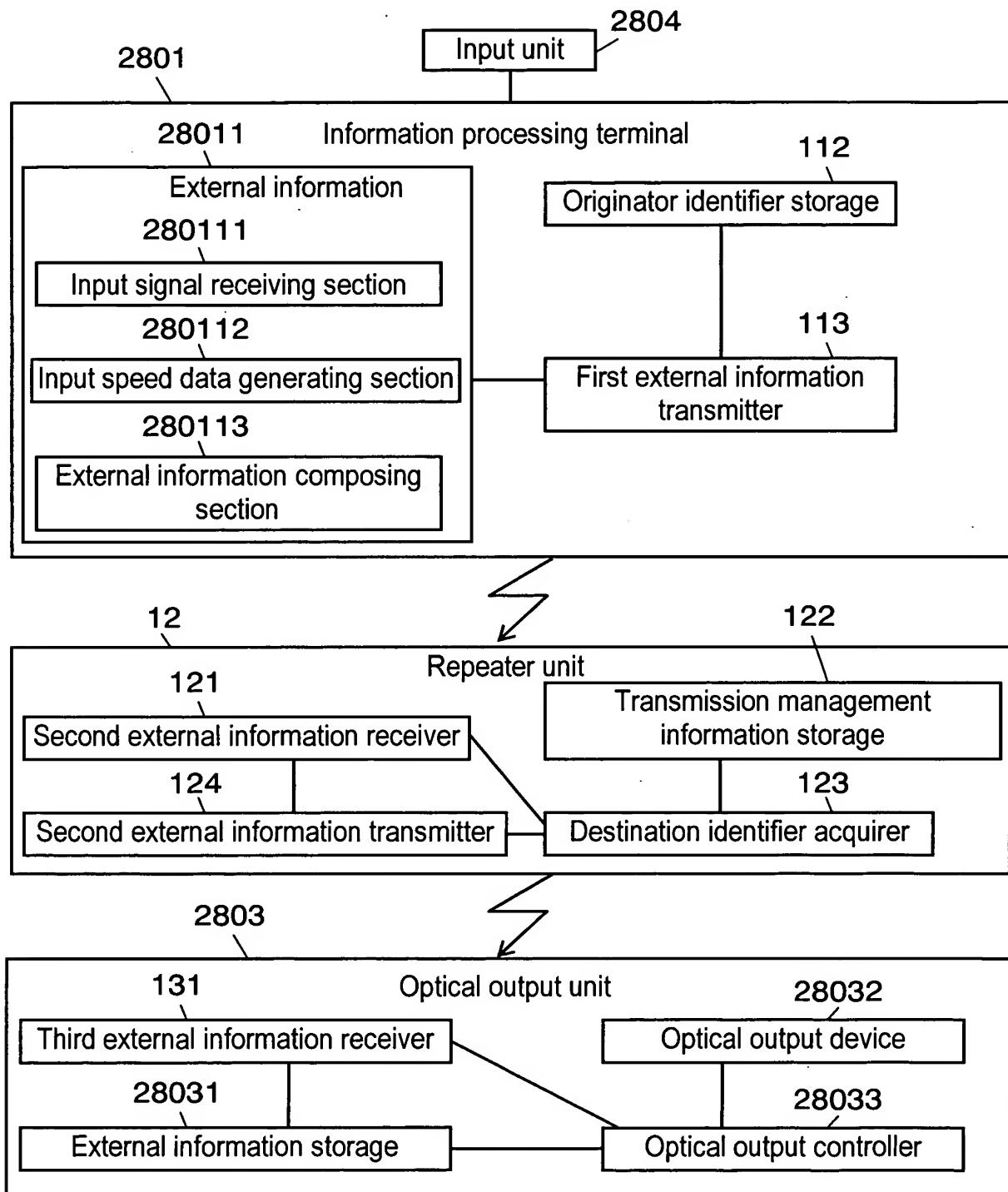


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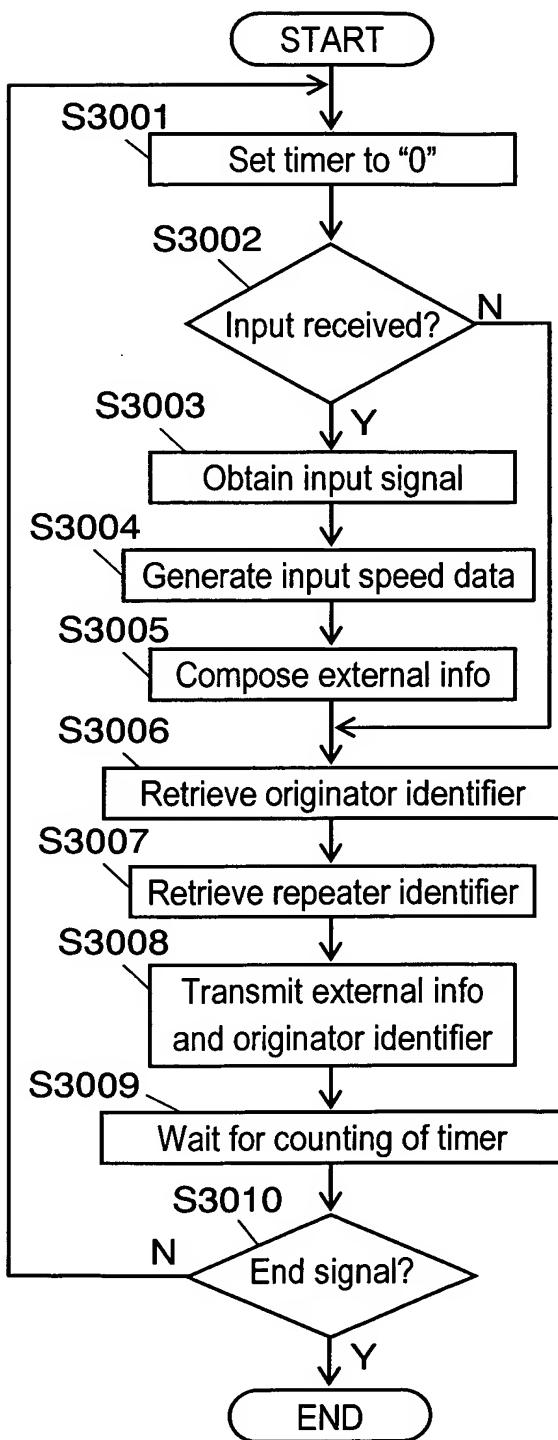
FIG. 29



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FIG. 30



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FIG. 31

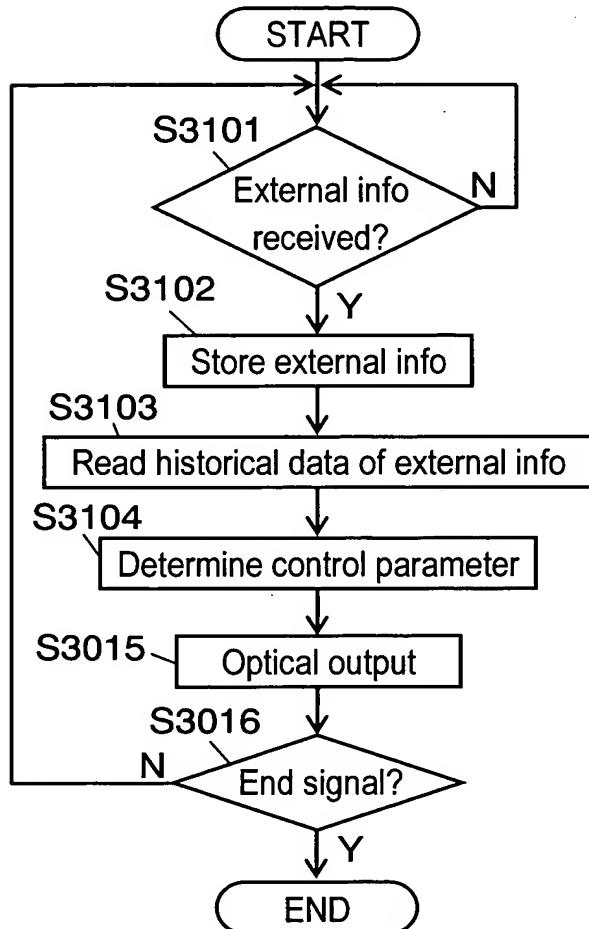


FIG. 32

Time	External information
9:01	3
9:02	10
9:03	61
9:04	74
:	:
10:00	123

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FIG. 33

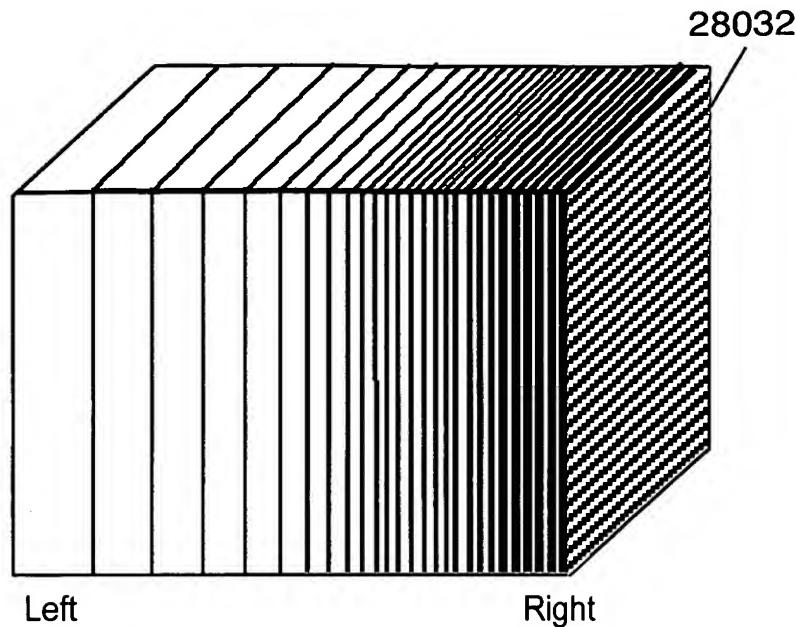
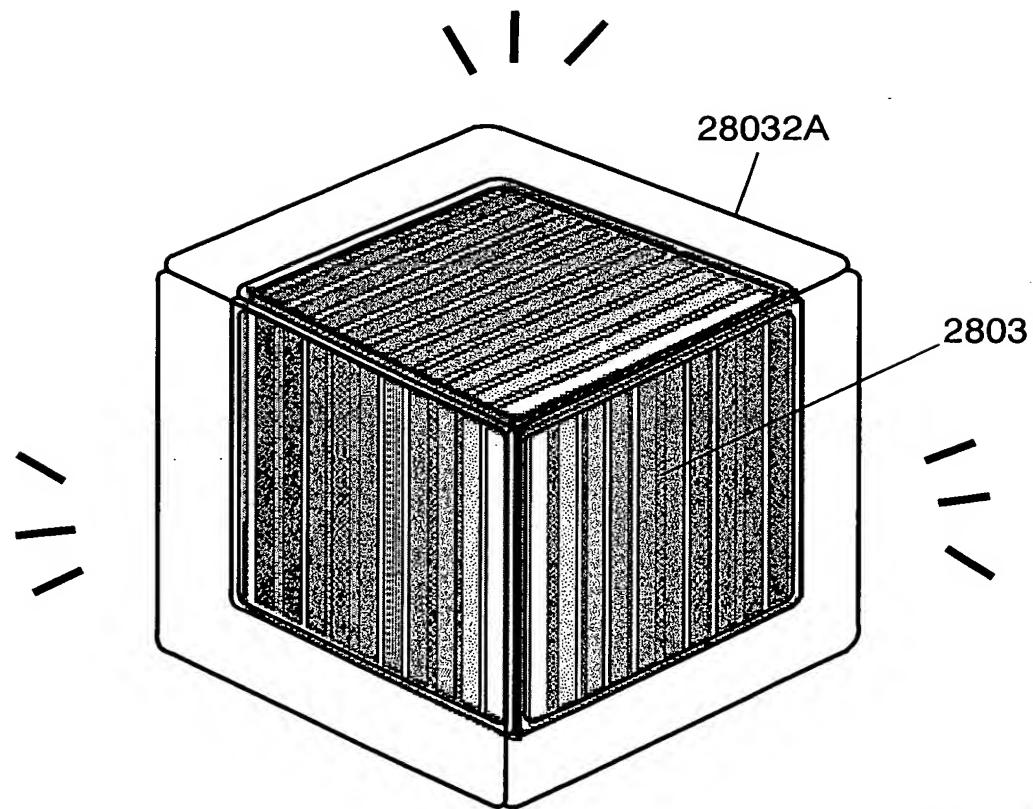


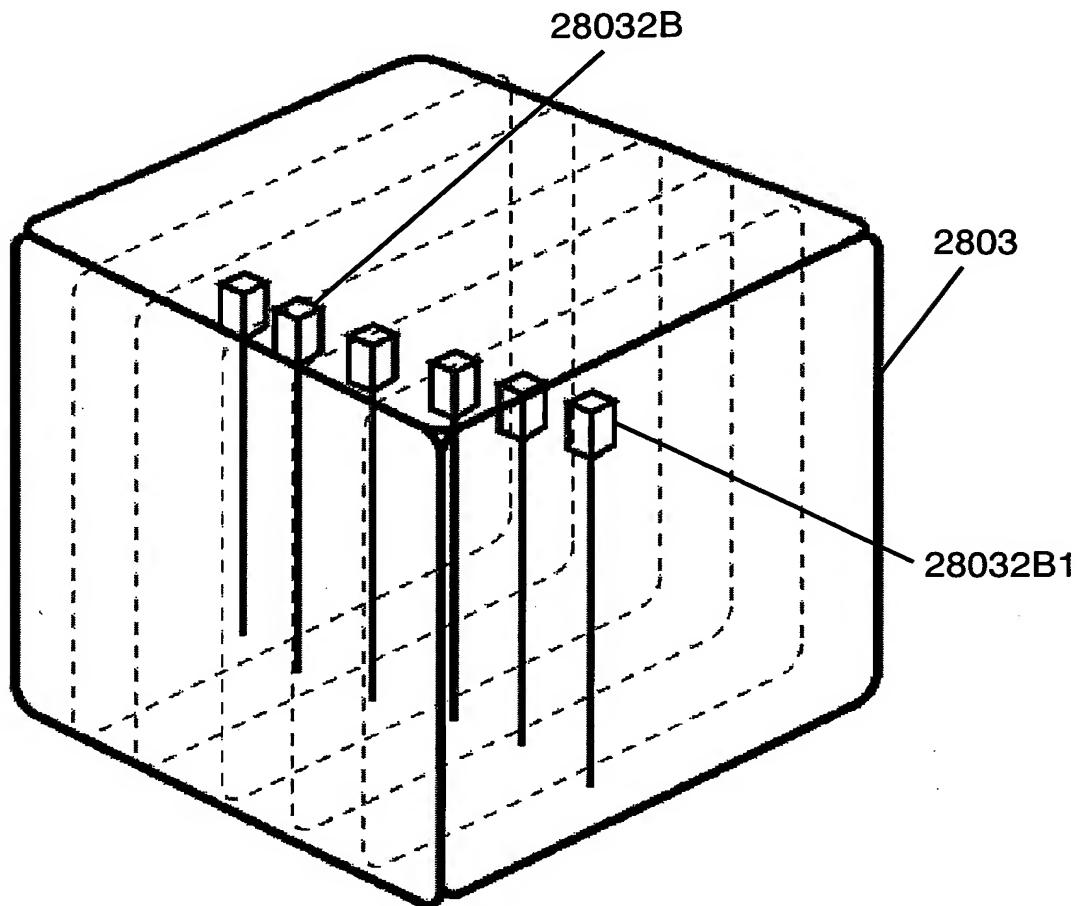
FIG. 34



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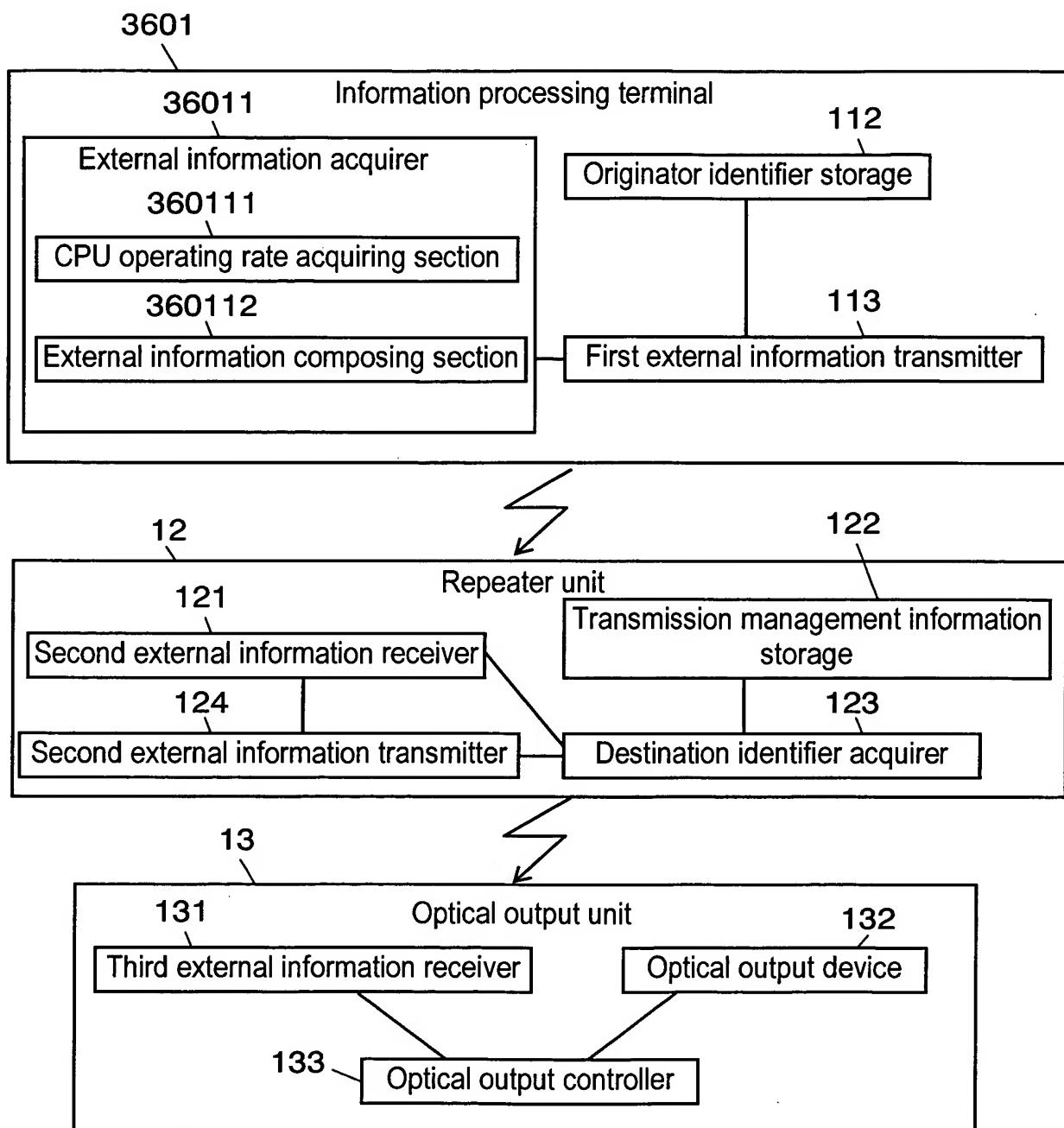
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FIG. 35



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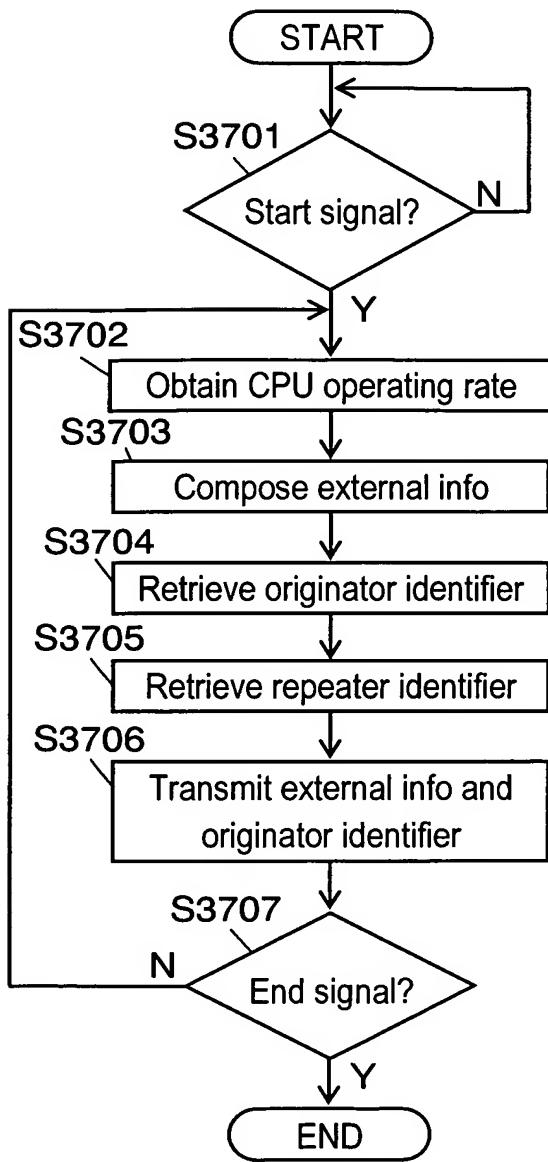
FIG. 36



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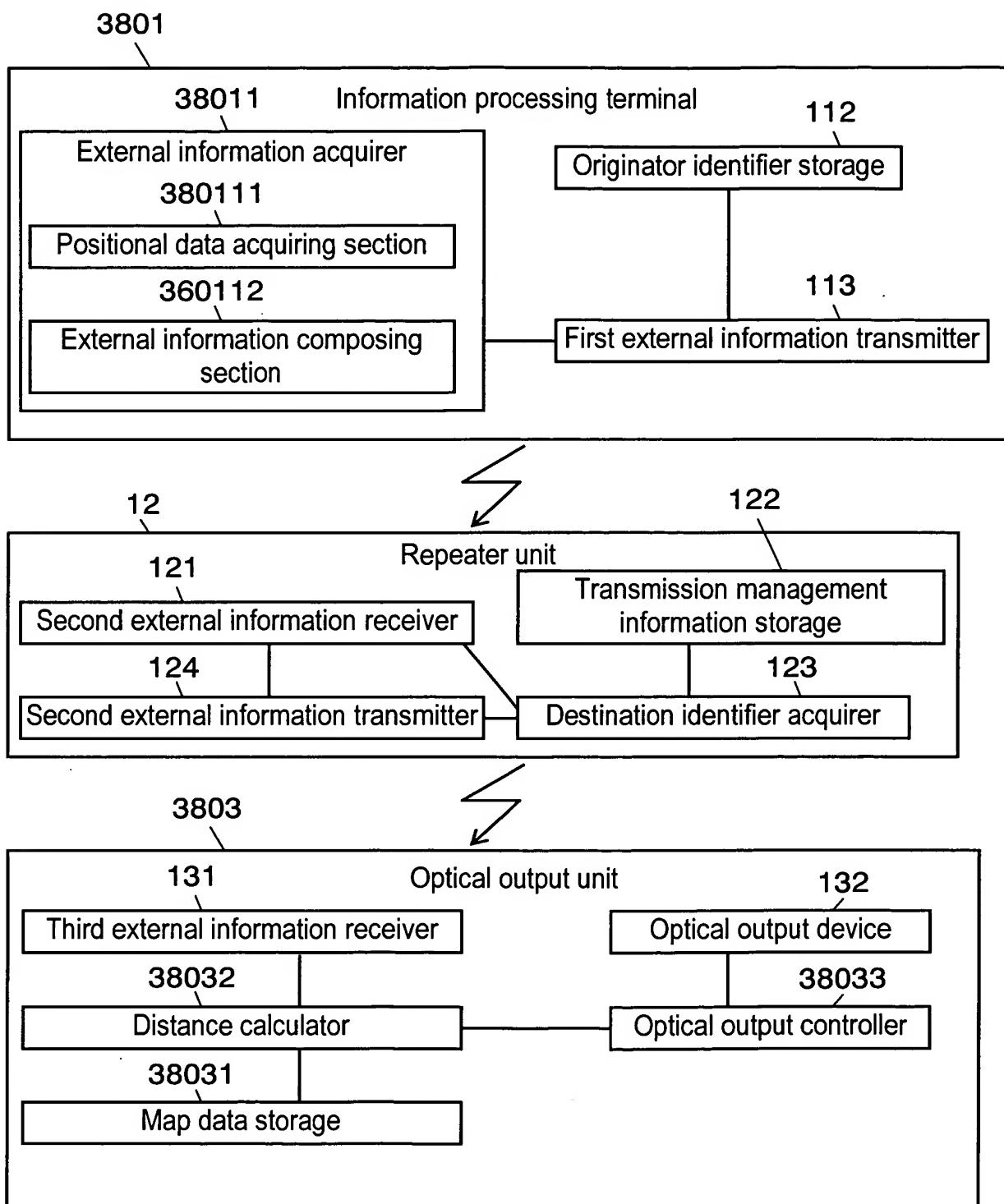
FIG. 37



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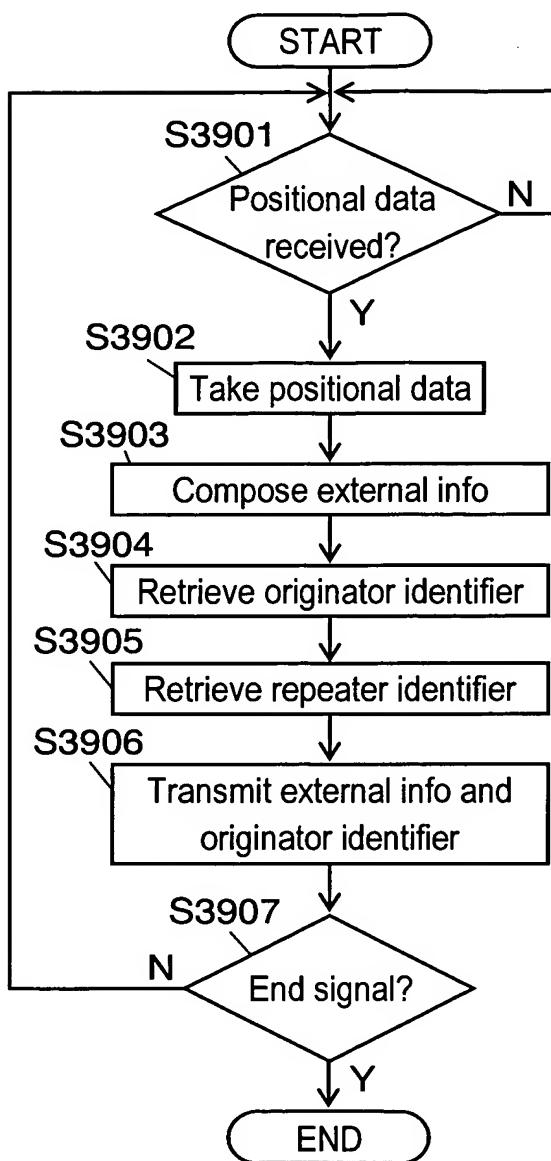
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FIG. 38



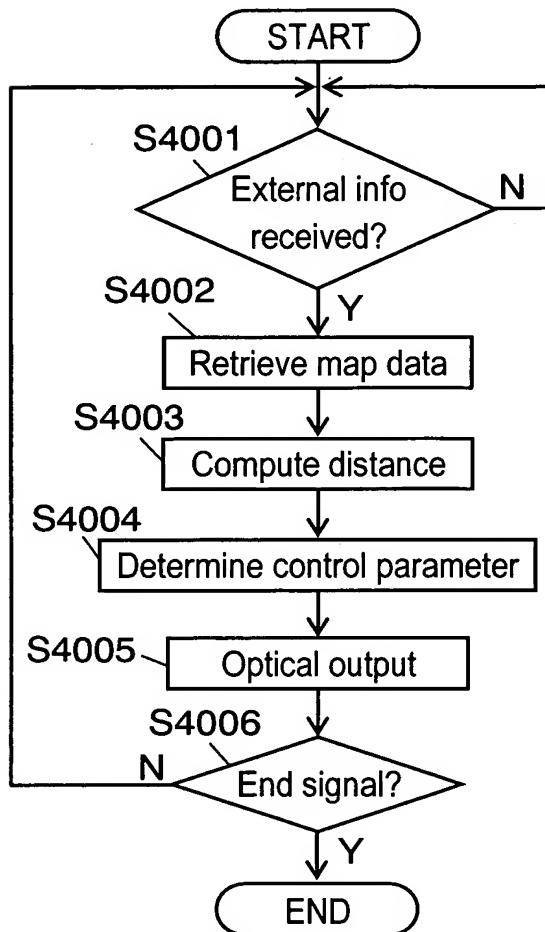
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FIG. 39



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FIG. 40



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FIG. 41

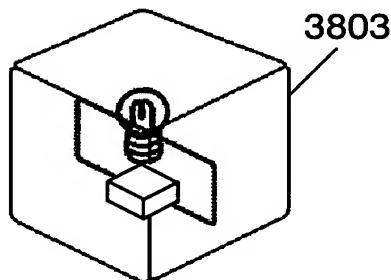
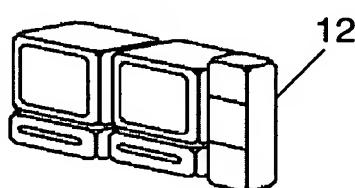
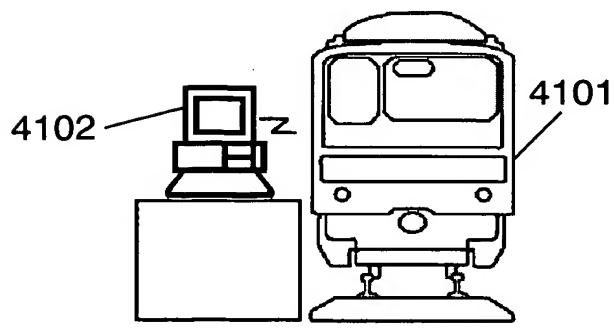


FIG. 42

"ABC Railway Company - Distance Management Table for X-Line"

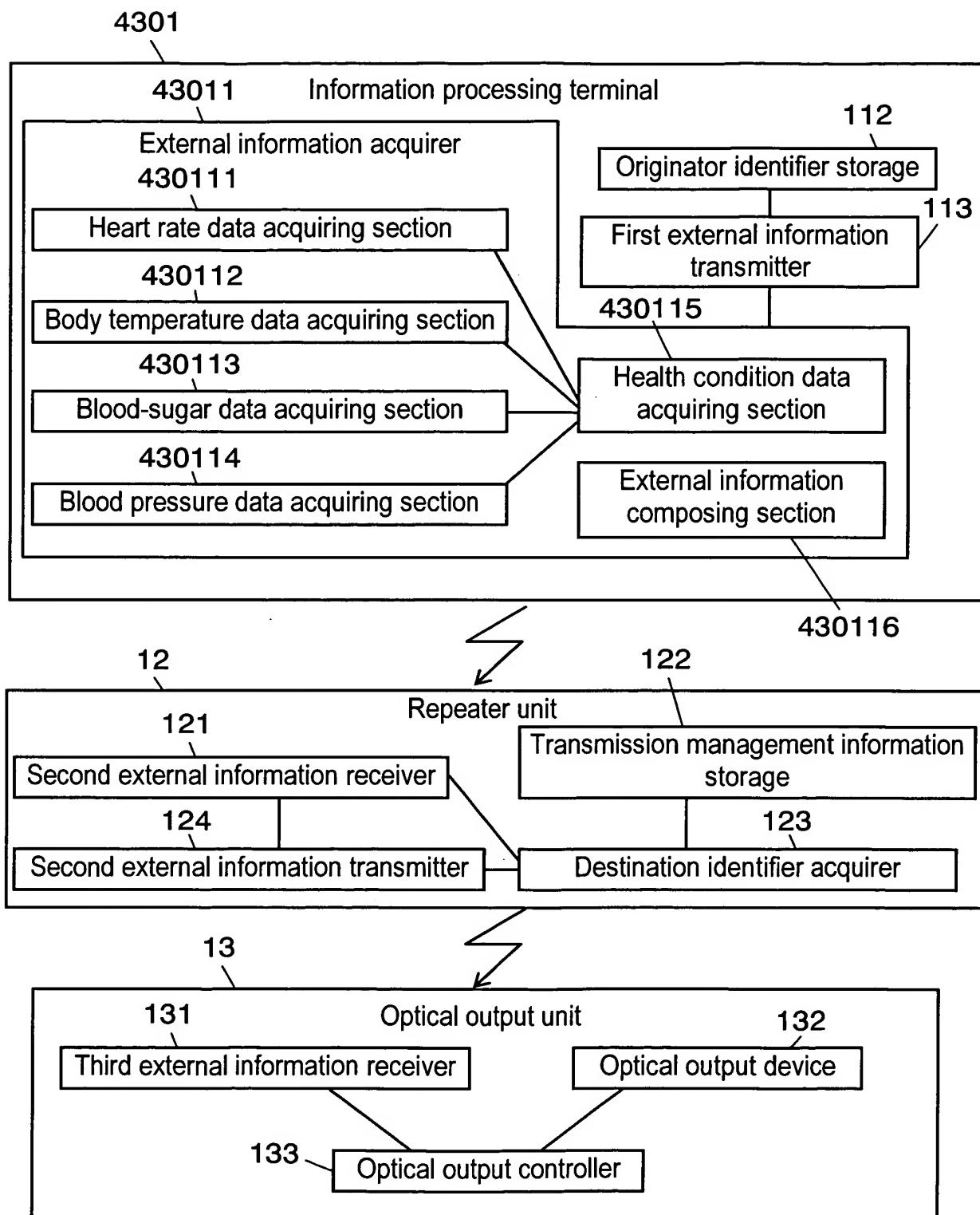
Station Identifier	A Station	B Station	C Station	D Station	F Station
Distance	0	5,2Km	8,4Km	10,3Km	15,0Km

nearest station: D station

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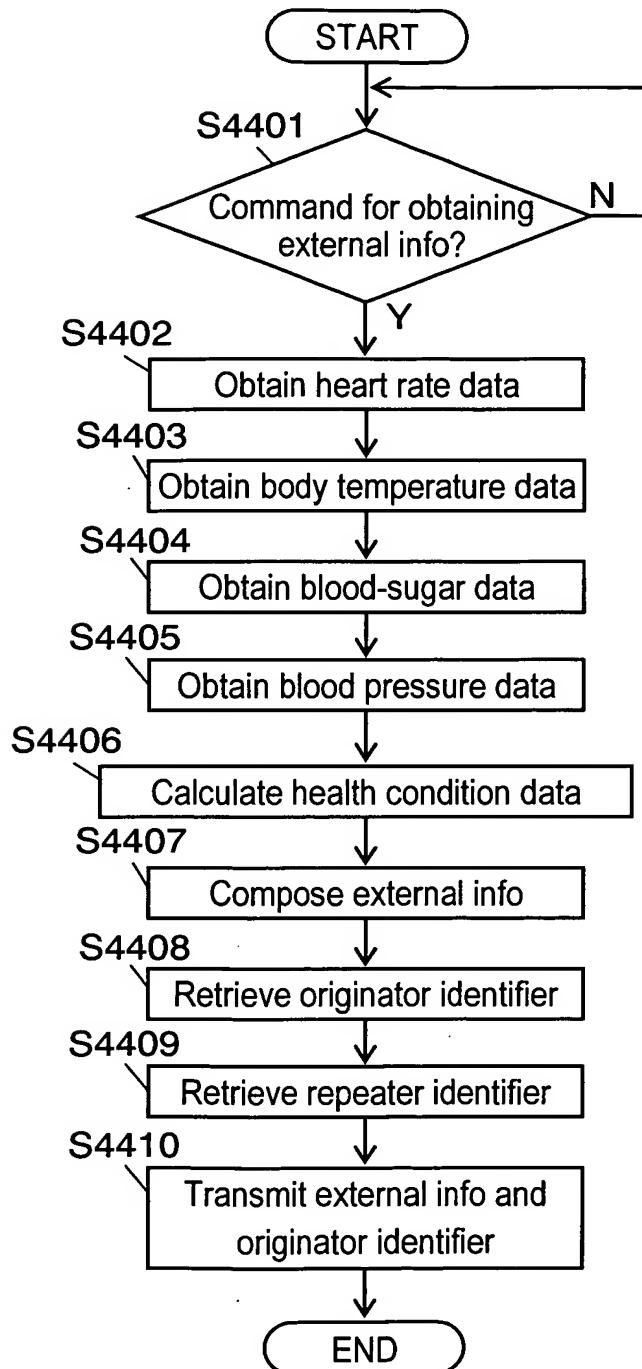
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FIG. 43



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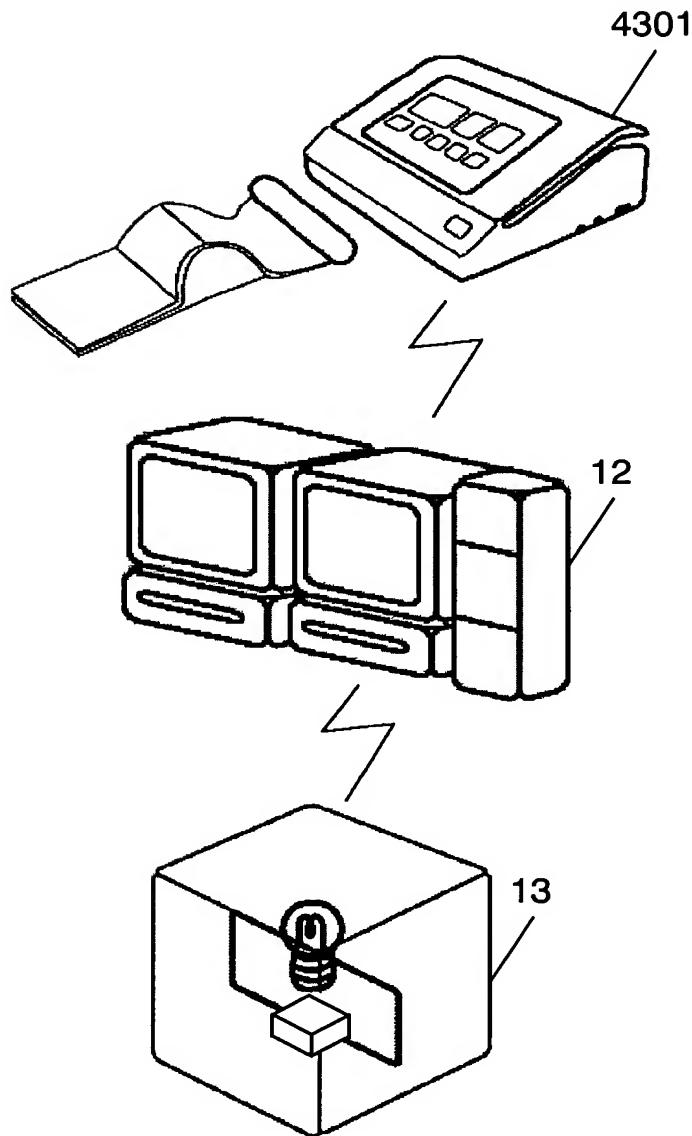
FIG. 44



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FIG. 45



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FIG. 46

Score	Heart Rate	Body Temp	Blood Sugar Level	Blood Pressure
0	91 or higher	40.1 or higher	151 or higher	Systolic pressure: (180 or higher)(70 or lower) Diastolic pressure: (130 to 140)(30 to 40)
5	81 to 90	39.1 to 40.0	141 to 150	Systolic pressure: (170 to 180)(70 to 80) Diastolic pressure: (120 to 130)(40 to 50)
10	71 to 80	38.1 to 39.0	131 to 140	Systolic pressure: (160 to 170)(80 to 90) Diastolic pressure: (110 to 120)(40 to 50)
15	61 to 70	35.9 or lower 37.3 to 38.0	121 to 130	Systolic pressure: (150 to 160)(90 to 100) Diastolic pressure: (100 to 110)(50 to 60)
20	51 to 60	36.0 to 36.2 36.9 to 37.2	11 to 120	Systolic pressure: (140 to 150)(100 to 110) Diastolic pressure: (90 to 100)(60 to 70)
25	50 or lower	36.3 to 36.8	110 or lower	Systolic pressure: (110 to 140) Diastolic pressure: (70 to 90)

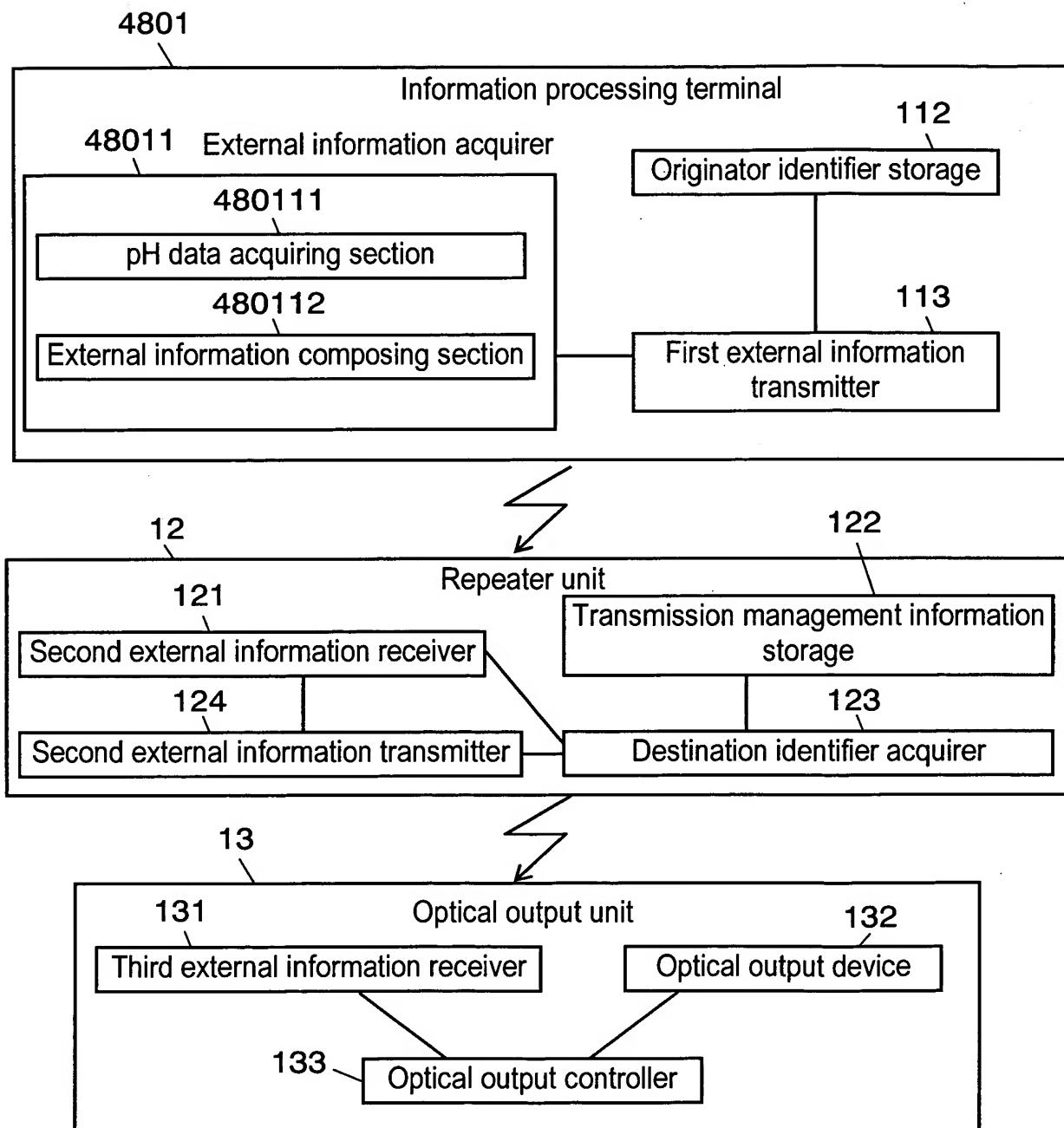
FIG. 47

< heart rate data>	78
< body temperature data>	36.5
< blood-sugar data>	80
< blood pressure data>	133 over 70
< health condition data>	85

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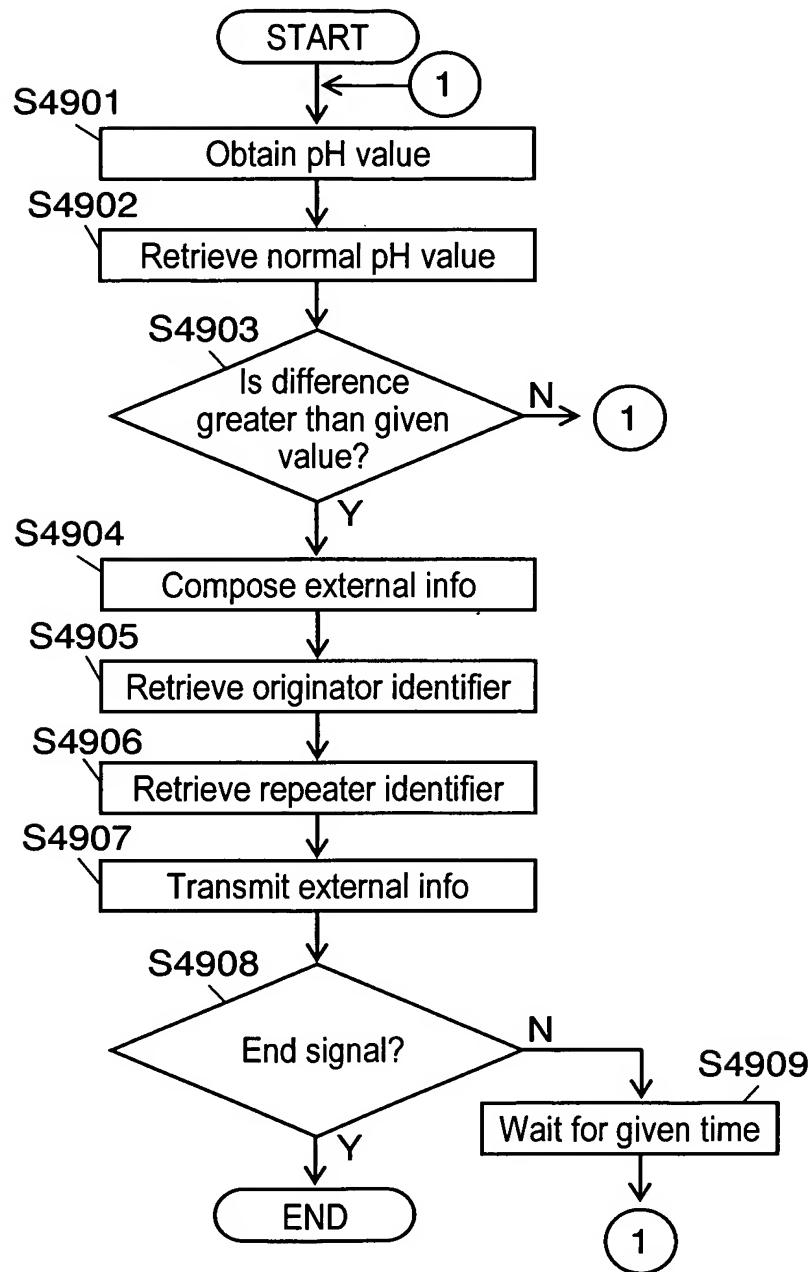
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FIG. 48



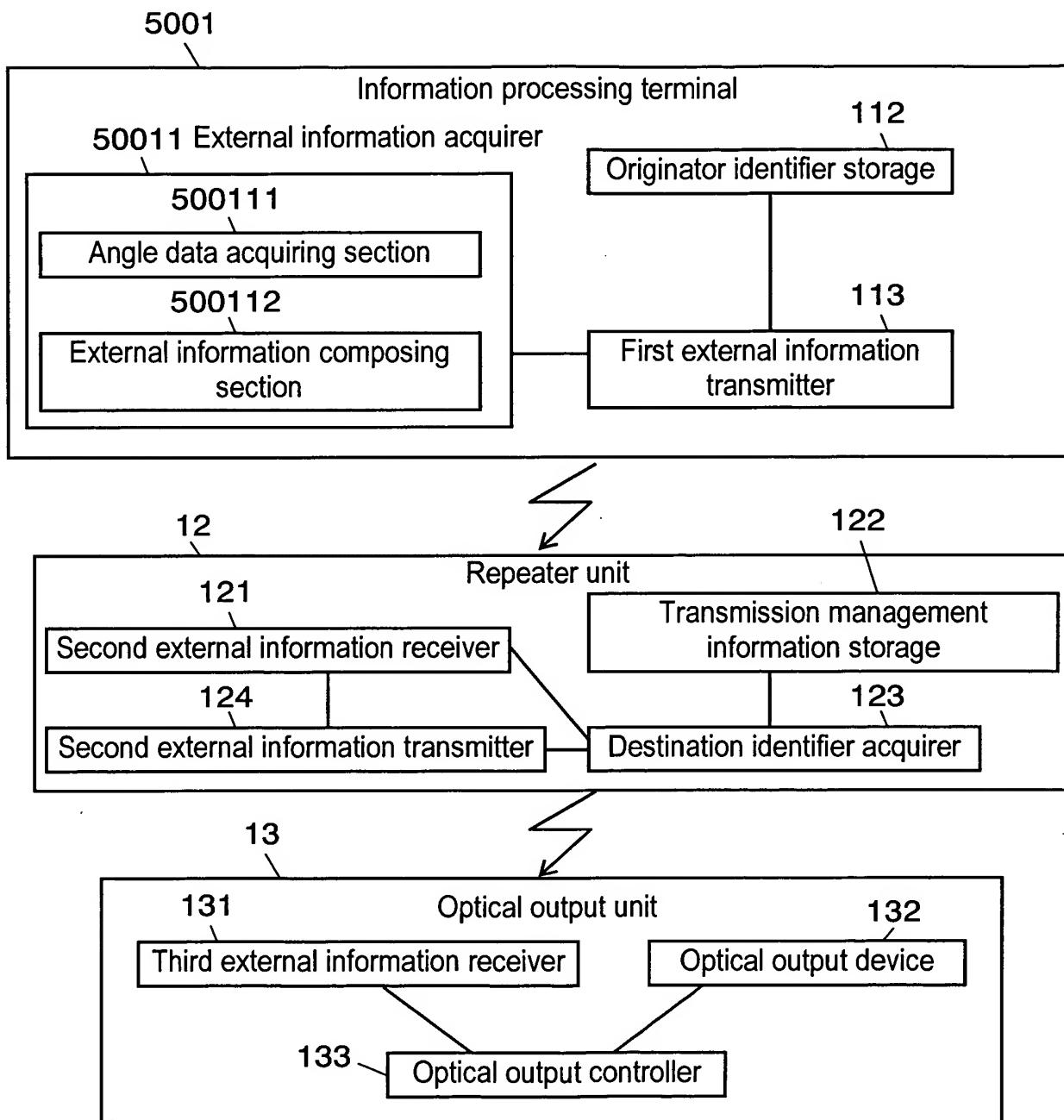
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FIG. 49



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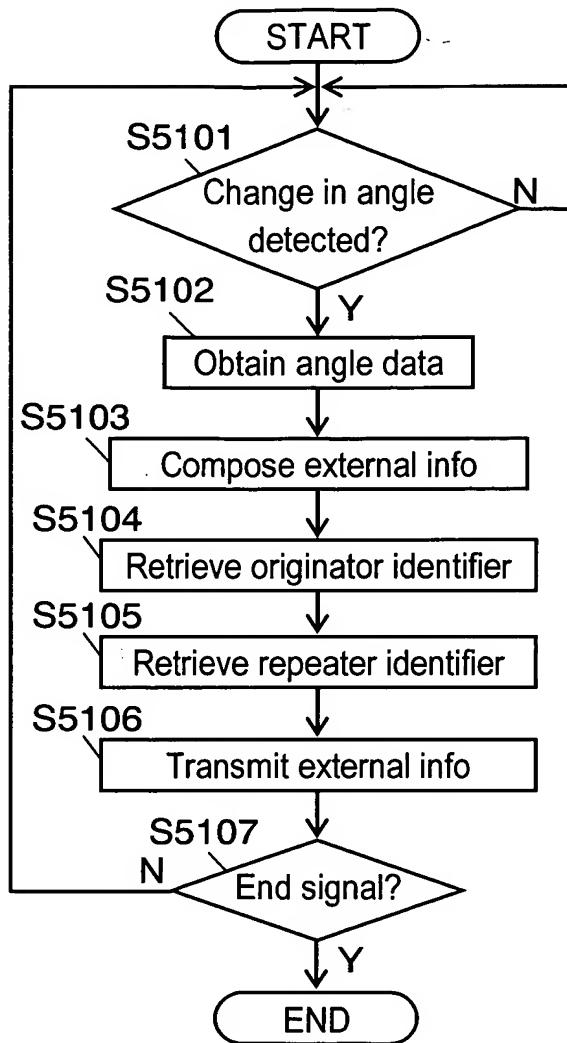
FIG. 50



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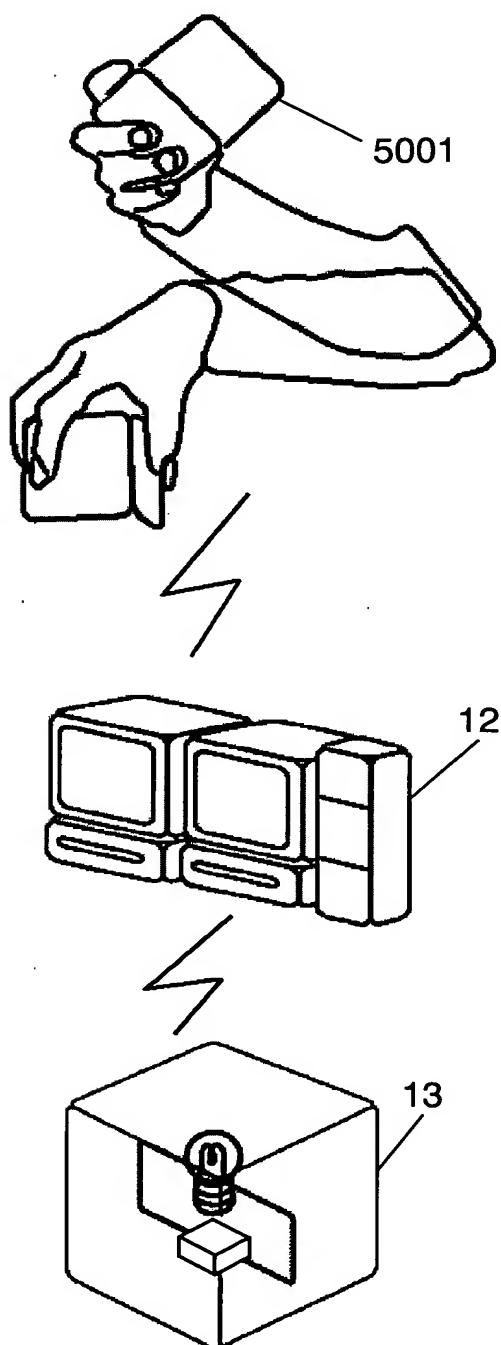
FIG. 51



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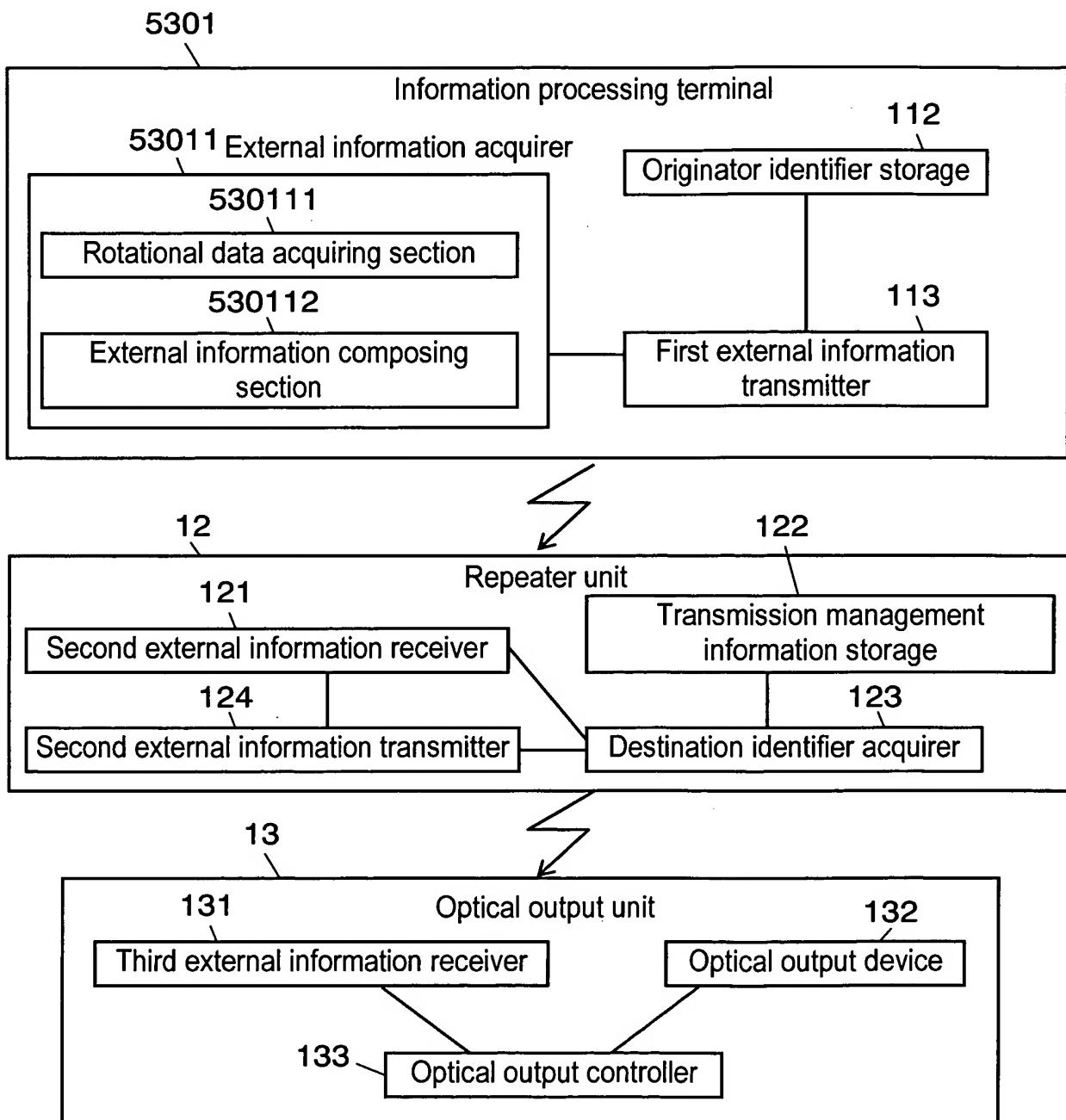
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FIG. 52



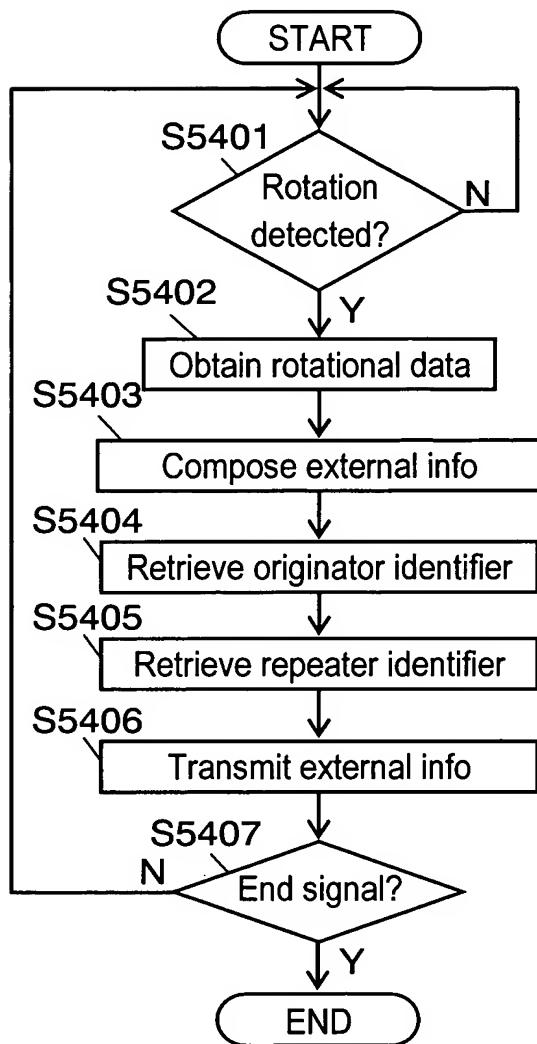
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FIG. 53



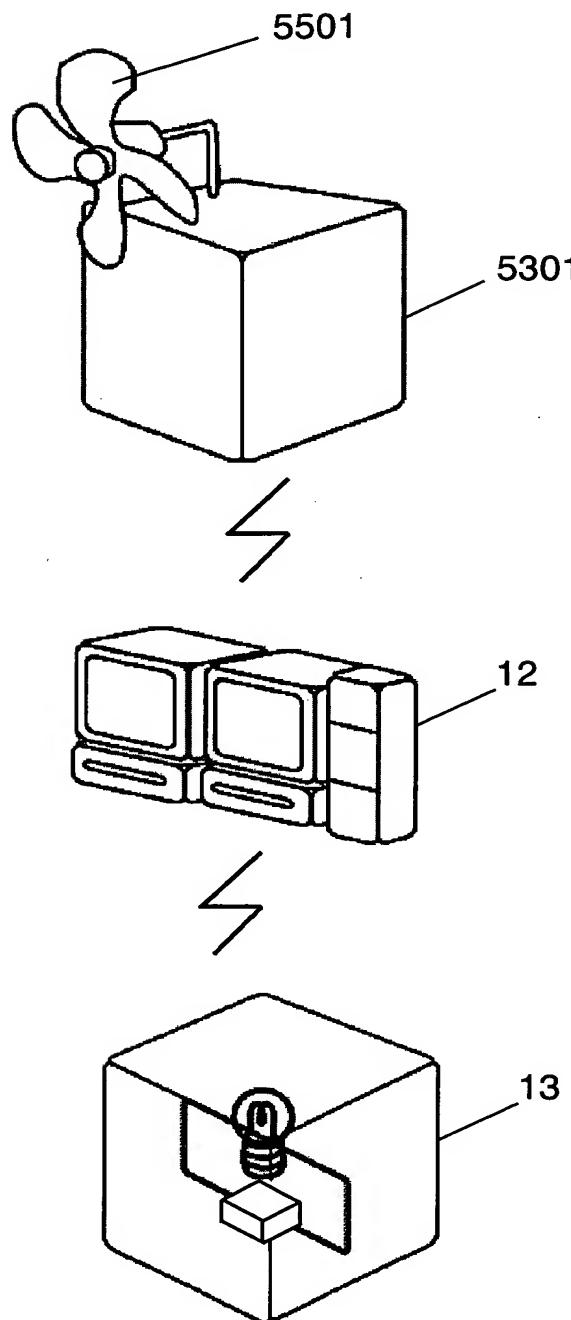
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FIG. 54



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FIG. 55

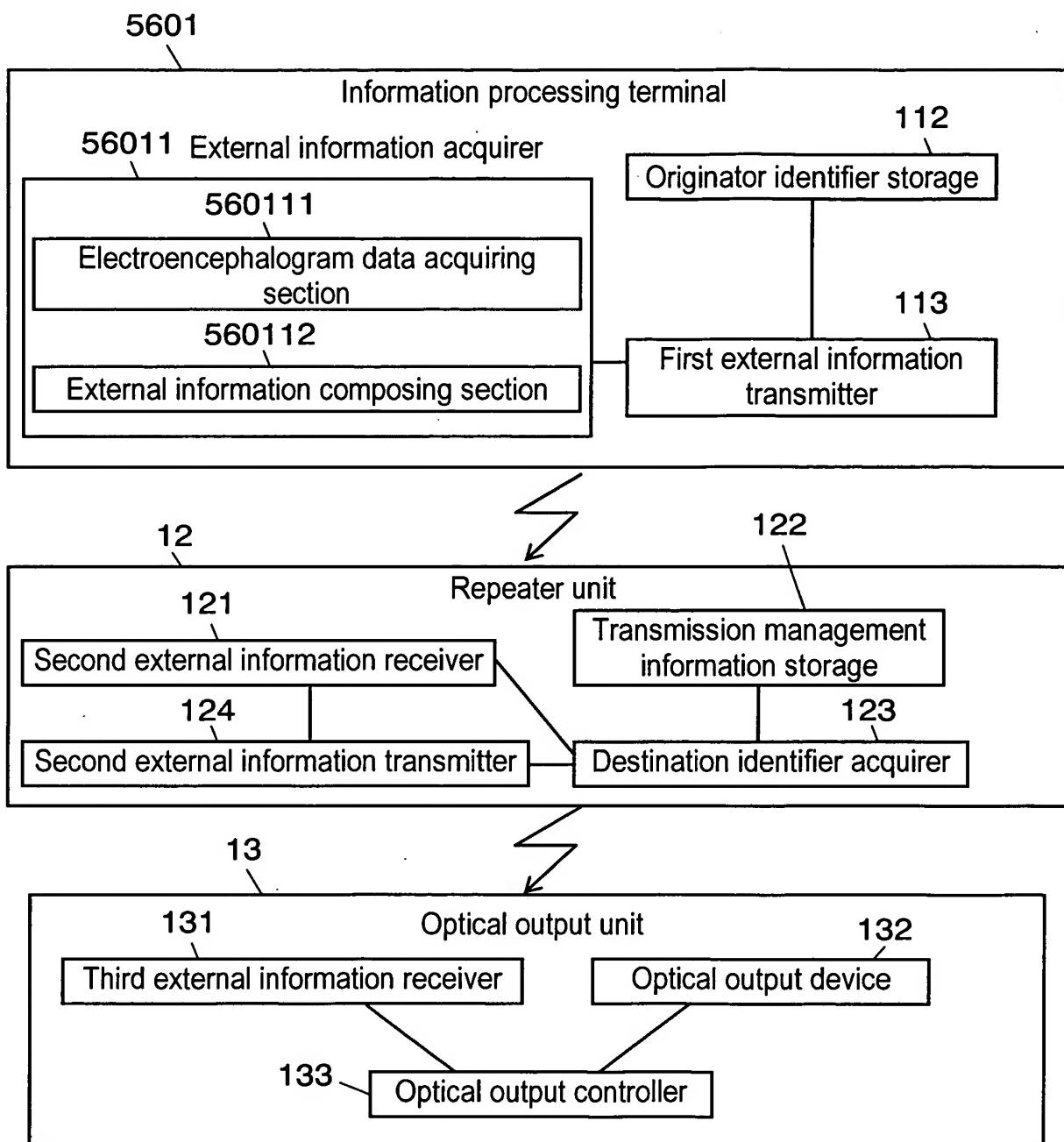


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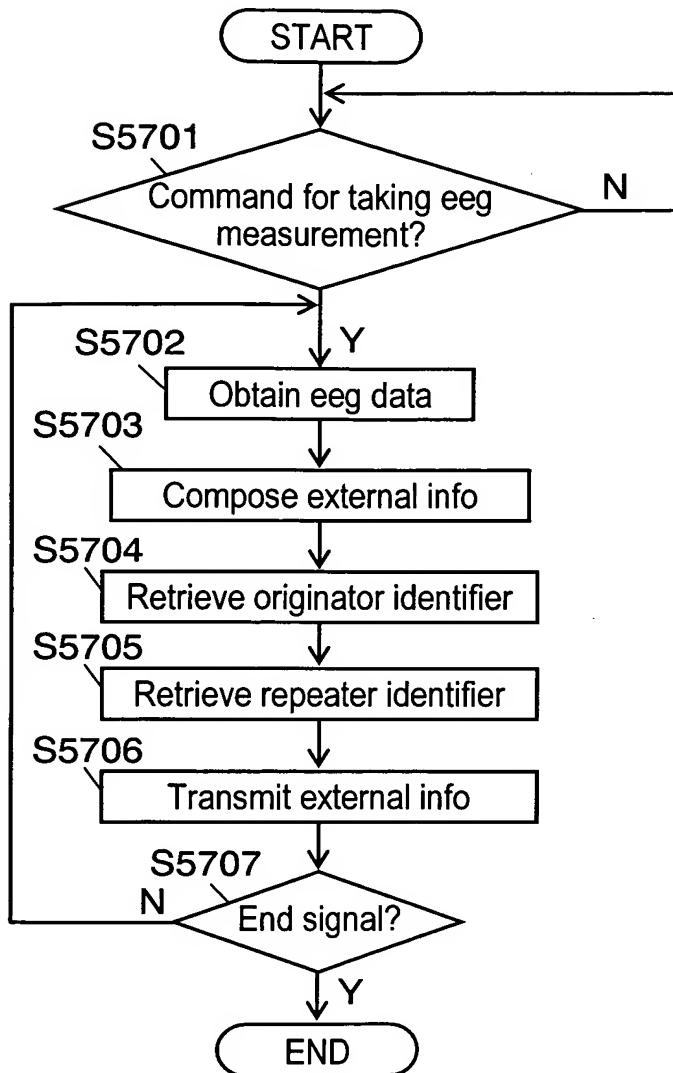
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FIG. 56



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FIG. 57



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Reference Marks in the Drawings

11, 1301, 2801, 3601, 3801, 4301, 4801, 5001, 5301, 5601. Information processing terminal

12. Repeater unit

13, 1303, 2303, 2803, 3803. Optical output unit

111, 13011, 28011, 36011, 38011, 43011, 48011, 50011, 53011, 56011. External information acquirer

111A. Pressure sensor

112. Originator identifier storage

113. First external information transmitter

121. Second external information receiver

122. Transmission management information storage

123. Destination identifier acquirer

124. Second external information transmitter

130112A. GPS receiver

130331. Blue color LED

130312. Red color LED

13034. Second location data acquiring section

131. Third external information receiver

132, 13031, 28032. Optical output device

132A. Miniature lamp

132B. Three-colored LED

132C. Reflector

132D. Driving unit

132E, 28032A. Liquid crystal display

132F. Circular graphics

133, 13033, 23033, 28032, 28033, 38033. Optical output controller

133A, 133B. Voltage controller

13032, 23032. Mode data storage

28031. External information storage

28032B. LED

28032B1. LED at the right end

2804. Input unit

38031. Map data storage

38032. Distance calculator

4101. Train

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- 4102. Information processing unit
- 130111. Pressure acquiring section
- 130112. Location data acquiring section
- 130113, 280113, 360112, 380112, 430116, 480112, 500112, 530112, 560112. External information composing section
- 130311. First optical output element
- 130312. Second optical output element
- 280111. Input signal receiving section
- 280112. Input speed data generating section
- 360111. CPU operating rate acquiring section
- 380111. Positional data acquiring section
- 430111. Heart rate data acquiring section
- 430112. Body temperature data acquiring section
- 430113. Blood-sugar data acquiring section
- 430114. Blood pressure data acquiring section
- 430115. Health condition data acquiring section
- 480111. pH data acquiring section
- 500111. Angle data acquiring section
- 530111. Rotational data acquiring section
- 5501. Windmill
- 560111. Electroencephalogram data acquiring section